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AN ASSESSMENT OF STRATEGIC ALIGNMENT, DATA, AND DELIVERY GAPS IN BRISTOL

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The report of an independent analysis by students of the University of Bristol's MSc Environmental Policy and Management programme, commissioned by Bristol Green Capital Partnership CIC and Bristol City Council on behalf of the Bristol SDG Alliance







The UN Sustainable Development Goals

1	End poverty in all its forms everywhere			
2	End hunger, achieve food security and improved nutrition, and promote sustainable			
	agriculture			
3	Ensure healthy lives and promote well-being for all at all ages			
4	Ensure inclusive and equitable quality education and promote life-long learning opportunities			
	for all			
5	Achieve gender equality and empower all women and girls			
6	Ensure availability and sustainable management of water and sanitation for all			
7	Ensure access to affordable, reliable, sustainable, and modern energy for all			
8	Promote sustained, inclusive, and sustainable economic growth, full and productive			
	employment, and decent work for all			
9	Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster			
	innovation			
10	Reduce inequality within and among countries			
11	Make cities and human settlements inclusive, safe, resilient, and sustainable			
12	Ensure sustainable consumption and production patterns			
13	Take urgent action to combat climate change and its impacts			
14	Conserve and sustainably use the oceans, seas, and marine resources for sustainable development			
15	Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage			
	forests, combat desertification, and halt and reverse land degradation and halt biodiversity			
	loss			
16	Promote peaceful and inclusive societies for sustainable development, provide access to			
	justice for all and build effective, accountable, and inclusive institutions at all levels			
17	Strengthen the means of implementation and revitalize the global partnership for sustainable			
	development			

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Commissioners' foreword

The University of Bristol postgraduate student team were commissioned to produce this report by Bristol Green Capital Partnership CIC on behalf of the Bristol SDG Alliance, with Bristol City Council involved closely in its scope and development.

This report was intended to help kick-start thinking on the SDGs in our city. It is not — nor was it intended to be — comprehensive. It highlights areas that are being reasonably well-addressed and others that could benefit from greater attention. It also offers some constructive thoughts for next steps. We will consider how best to build these in to our future work.

Now, city organisations that already have well-defined strategies can reflect on how these already map across to the global challenges contained within the SDGs – indeed, many will likely be directly or indirectly delivering against one or more targets without realising it, especially organisations such as BGCP members that are already likely to be actively addressing sustainability in some way.

Organisations that are about to review their existing strategies or draw up new ones have a great opportunity to actively incorporate the global challenges represented by the SDGs in their future work.

The University of Bristol Environment Policy and Management consultancy scheme is one example of the huge range of mutually beneficial opportunities for student engagement with sustainability and organisations engaged with it in Bristol. We have gained a report that helps to clarify our thinking, and which moves us towards a better understanding of how a forward-thinking city like Bristol can engage with the global SDG agenda to enhance our social, environmental and economic sustainability. And the student team have gained from a real-life consultancy project, from commissioning to presenting their final report, while also gaining a new appreciation of the role of cities in sustainability, which some or all of them may take forward in the future.

We thank the University of Bristol for this opportunity and the student team for their hard work. We would encourage other organisations working on sustainability issues to investigate the potential opportunities for collaboration with both our city's universities in future: see www.skillsbridge.ac.uk for more details.

We look forward to building on this report in the months and years to come.

Ian Townsend – Chief Executive Officer, Bristol Green Capital Partnership CIC Sarah Toy – Strategic Resilience Officer, Bristol City Council

Executive Summary

- i. The UN Sustainable Development Goals (SDGs) are a series of global challenges embodied in 17 goals that aim to address worldwide issues of sustainable development by 2030, including social inequality, responsible production and consumption, and environmental wellbeing. They have been described as "the closest thing the world has to a strategy" (UKSSD, 2017).
- ii. Localisation of the SDGs is occurring as countries and some cities engage with the sustainable development agenda. The city of Bristol in the southwest of the UK has a reputation as being relatively wealthy and environmentally aware; however, despite its successes, it displays the same disparity and inequalities within it as other cities worldwide.
- iii. Our initial assessment of the relevance of the 167 SDG targets to Bristol is that 54% (91 targets) were rated relevant, 20% (33 targets) were rated potentially relevant, and 27% (45 targets) were assessed to be not relevant.
- iv. This report assesses in which areas Bristol is performing well, and which targets it might be furthest from achieving. The report also appraises the SDGs as a framework for tackling sustainability challenges at a city-scale in Bristol.

Section 1: Bristol's agenda and the SDGs

- v. We approached the SDGs from both top-down and bottom-up perspectives. Local authorities, including Bristol City Council, have an important though far from exclusive role to play in delivering the SDGs (UKSSD, 2016). Since 2012, Bristol has had a directly-elected mayor. This is believed to have led to stronger leadership and a more broadly recognised city vision (Sweeting and Hambleton, 2015).
- vi. Bristol City Council is responsible for a variety of public services and spending within the city and strategies for devolving these responsibilities. The Bristol Resilience Strategy provides an opportunity to embrace the SDGs. The Resilience Strategy has been designed specifically for Bristol following a broad consultation process, resulting in 40 'actions', of which at least 17 directly map onto the SDGs. While resilience and sustainability have much in common, they do not entirely overlap. Nonetheless, Bristol's Resilience Strategy is an obvious place to start the city's SDG localisation process.
- vii. The first election of a regional 'metro' mayor took place on the 4th May 2017. Devolution to the West of England Combined Authority also presents opportunities for SDG implementation and the integration of sustainable development principles into its policies and practice.

Section 2: Grassroots Engagement

viii. We analysed a sample of 64 organisations based in Bristol, and found that over half of these groups' activities contributed to 4 goals. SDG1 and SDG5 were well-served goals. SDGs 4, 6, 12 and 13 were addressed by one action group each. Organisations had not yet embedded the SDGs into their strategies, perhaps because the SDGs are relatively new and/or relatively unknown to these organisations. Further work could be done to promote organisation participation on these goals.

Section 3: Bristol and the SDG Indicators

- ix. The SDGs can be used as a management tool, and the indicators under each goal provide a useful way to measure progress. For the SDGs to be used in practice at city level, data at sufficiently granular scales is needed in order to monitor and assess progress. Because these datasets are so crucial to the SDGs 'Leave No-One behind' strategy, we scoped the available data for Bristol.
- x. The majority of data is held or analysed by Bristol City Council, but central government bodies such as the Department for Environment, Food and Rural Affairs also possess crucial datasets. Generally, goals which are more quantifiable were better served with data, perhaps because indicators are more easily defined. For example, goals with economic parameters tend to be well-served with existing data, which are often available with both geographic and demographic disaggregation.
- xi. However, some goals were not well-served with data, especially those that were less well-defined, hence difficult to accurately measure. This is the case for social datasets, with the exception of deprivation indices. It is also important to note that there was inherent difficulty in accessing the relevant data, as many datasets were inaccessible or out of date.

Section 4: Gap Analysis

xii. We found that while not all goals are being equally tackled by city groups, at least one target within each goal is beginning to be addressed in Bristol. Some goals are better represented in city strategies, though at present it is unclear if the targets could be achieved directly through existing strategies. SDG14 and SDG15 (life above land, and below water) are well served by city strategies and the existence of multiple conservation groups. Within SDG6 (sustainable management of water), Bristol is performing well, we found only 1 action group directly addressing it, and there is little accessible quantitative data.

xiii. Some of Bristol's greatest challenges lie in its social and economic disparities: for instance, over 51% of the population is malnourished, and only 54% of children receive a 'pass' grade in their secondary education (BCC, 2015). These disparities are indicative of common problems found in the Filwood, Hartcliffe, Central, and Lawrence Hill wards. We propose that early action in education is key, and can lead to health improvements, and reduced inequalities and crime. However, this process may only occur on a longer timescale (Kydland et al, 2015).

Section 5: The SDGs Relevance to Bristol

xiv. We propose that there are 3 main barriers to SDG implementation in Bristol: policy consistency, business and public engagement, and inconsistencies within the goals.

xv. On the national scale, the SDGs have not yet been implemented in UK policy; rather, current policies that tackle the goals have been highlighted, and there is a proposal to map departmental plans to the SDGs.

xvi. Successful SDG implementation will rely on effective public engagement. There are already a number of 'grassroots' organisations addressing the SDGs on a bottom-up scale (as highlighted in Section 1). The engagement of businesses will be vital in ensuring cross-sector participation in the SDG agenda, perhaps through the integration of SDGs in company sustainability strategies and corporate social responsibility. Some businesses are leading the way in this respect, but few examples exist for organisations that are headquartered in Bristol.

xvii. A final challenge exists in the inherent difficulty of addressing economic development and environmental protection under a single agenda. Both of these issues are included in the SDGs, and we propose that the goals have not addressed this limitation. While not impossible, there exists a fine balance between the two, which can only be ensured by effective policy. The disaggregation of datasets to ward and district level provides an opportunity for council policy to address economic growth and environmental protection in the most deprived areas.

Policy implications

xviii. Implementing the SDGs at a city-level will be challenging, but is necessary to address sustainable development issues. We suggest further work be undertaken in the following areas:

- More 'bottom-up': encourage the creation of new organisations in undersupplied goals.
 Awareness-raising among people, businesses and other organisations about the SDGs is important: it will help promote such community action, and help businesses to adopt sustainable agendas.
- More 'top-down': integrate the SDGs into existing national, regional and city strategies; initially through mapping, then more explicitly in the creation and revision of strategies. The principle of 'leave no one behind' under-pinning the SDGs is relevant to city inequalities, and will help to address issues in, for example, poverty, education, health, and gender.
- **Improved data:** Further provision of timely, detailed data is needed to continually measure sustainable development progress. Data should be disaggregated to small geographical areas and for a range of demographics in order to properly understand changes and inform further policy enforcement.
- Improved partnership-working: Finally, we suggest that organisations that present a synergy between national governments, local councils, charities, and businesses (such as the Bristol Green Capital Partnership) will be vital, as well as a harmonisation of strategic policy documents.

Introduction

- 1. The UN Sustainable Development Goals (SDGs) have been described as 'the closest thing the world has to a strategy' (UKSSD, 2017). The SDGs cover 17 areas, with most targets to be achieved by 2030 and indicators for each target.
- 2. The SDGs bring together diverse issues into a single agenda. Ranging from 'decent work and economic growth' (SDG8) to 'climate action' (SDG13), they encompass the core values of sustainable development, which can be defined as rejecting "policies and practices that support current living standards by depleting the productive base [...] and that leaves future generations with poorer prospects and greater risks than our own" (Repetto, 1985, p6). While the SDGs were designed as a global action plan, they will be delivered at the national level. Here, we examine how cities might contribute towards delivery, implementation and monitoring.
- 3. Cities are now home to more than half of the world's population (UNDESA, 2014), and account for 70% of global energy demand, and 80% of all carbon dioxide emissions. Therefore, the capacity for engagement in the sustainable development agenda, and resultant positive action, is a genuine opportunity in cities.
- 4. The inclusion of SDG11 as a specific goal introduced to make urban areas inclusive, safe, resilient, and sustainable, is indicative of how cities will be central in the transition towards a more sustainable future (Parnell, 2016). Indeed, SDG11 will be the first instance of a sub-national unit being included in a UN statistical reporting framework. The UN High Level Panel which presaged the SDGs concluded that "cities are where the battle for sustainable development will be won or lost" (UN High-level Panel, 2013).
- 5. Localisation of the SDGs at city-level is therefore an important aspect of SDG implementation. As part of the USA Sustainable Cities Initiative (USA-SCI) three US cities have based their sustainability strategies on the goals (UN Sustainable Development Solutions Network, 2017). The scheme has been piloted in Baltimore, San José, and New York City, with the aim of developing the SDGs at a city level. Under the Baltimore-SCI, the city developed new indicators to measure the city's adherence to the SDGs (University of Baltimore, 2016). For instance, SDGs 1 and 16 were deemed to be of the greatest importance to the city, and 56 new indicators across all the goals have been included in the Baltimore City Sustainability Plan, such as the percentage of residents earning a living wage, and the amount of legal aid provided to poor residents. This was important for Baltimore residents as this data and information for the indicators was previously limited or not available to the public (Biron, 2017).
- 6. In the UK, Bristol has gained a reputation as an environmentally aware city, in particular because of its year as European Green Capital in 2015, which showcased its thriving 'green business' community, and high level of third sector activity in this area. However, despite these successes, Bristol suffers similar disparities and inequalities seen in other cities. The Deprivation in Bristol 2015 Report revealed that 16% of residents, some 69,000 people, live in the 42 lower/super output areas (LSOAs) of Bristol that are among the 10% most deprived in England (BCC, 2015). There is a life expectancy gap between Bristol's least and most deprived areas which most recent research places at 9.6 years for men and 7.0 years for women. These highlight the range of problems Bristol needs to address.

7. We were commissioned to assess whether the SDGs are a useful practical framework for tackling issues at a city-scale in Bristol. Our initial assessment of the relevance of the 167 SDG targets to Bristol is that 54% (91 targets) were rated relevant, 20% (33 targets) were rated potentially relevant, and 27% (45 targets) were assessed to be not relevant.

Figure 1: Traffic Light Analysis of the Relevance of each Target to Bristol

Relevant	Potentially relevant	Not relevant
91	33	45
54%	20%	27%

In addition, we investigated which areas within the goals might prevent Bristol from meeting the 2030 targets. This was enabled by separating our research question into 5 areas, and this report outlines our findings to these in turn:

- 1. **Agenda & strategies:** What existing strategies exist in Bristol that aims to address sustainability? How to they map across to the SDG targets?
- 2. **Grassroots:** What individuals, groups, initiatives, or organisations exist in Bristol that are working towards achieving the Goals? Are these actions groups familiar with the SDGs; are SDGs implemented in their business-sustainability strategies, or are they taking a different approach?
- 3. **Data:** What existing key datasets are available to assess the SDG targets? Who provides them? How do these datasets map across to the SDG target indicators? Are there gaps? For which goals is there sufficient information, and for which are more information needed?
- 4. **Gap analysis:** Which are the Goals that Bristol performs well on, and which goals pose the greatest challenges?
- 5. **Relevance:** What are the risks or inconsistencies within the SDG agenda, and how might these be mitigated, and in Bristol in particular?

Section 1: Bristol's Agenda, Strategies and the SDGs

8. Bristol City Council (BCC), as a local authority, is responsible for a range of public services and spending in the city. BCC produces a range of strategies to inform and guide such activity. Table 1 lists a selection of strategies which overlap with the SDGs and the relevant targets. A selection of the areas that are addressed by council strategies are as follows.

Table 1: List of BCC strategies for the city

Strategy	Relevant Goal(s)
Bristol Local Carbon Framework	7, 13
BCC and mainstreaming environmental sustainability: a case study in	3
sustainable social care	
Our Resilient Future: A framework for climate and energy security	7, 13
Flood Risk Strategy and Responsibility	2, 15
Bristol Biodiversity Action Plan	15
Homelessness Prevention Commissioning Plan	1, 11
Bristol Housing Strategy 2016 to 2020	11
Emotional Health and Wellbeing Transformation Plan for Children and Young	5
People	
Towards a Zero Waste Bristol: Waste and Resource Management Strategy	12

9. Academics have suggested that the localisation of targets and indicators may improve the performance of local authorities, such as BCC, on successful SDG implementation (UCLG, 2015). The creation of the Bristol Resilience Strategy and devolution to the West of England Combined Authority are two key opportunities for improving the success of SDG implementation in Bristol.

1.1 How do the SDGs relate to Bristol's Resilience Strategy?

- 10. The overlap between Bristol's Resilience Strategy and the SDG framework has previously been studied by the Schumacher Institute (Barker, 2016). The Strategy was produced in association with the Rockefeller 100 Resilient Cities network, and was issued in 2016, setting out a framework for Bristol over the next 50 years. The Strategy is based on five pillars that are indicative of a 'flourishing resilient city': fair, liveable, sustainable, agile, and connected.
- 11. The Strategy consists of 40 resilience actions each relating to one or more resilience pillar. Previous mapping revealed that the resilience actions overlapped with all 17 SDGs at least once (Barker, 2016). The specificity of the SDG targets, especially those more relevant to developing countries, makes it difficult to assess how they might interact with broader resilience actions. One major difference between the Strategy and the SDGs is the timeframe on which they will be delivered. We argue that given the 50-year Resilience Strategy framework this is more likely to be achievable than delivering the SDGs by 2030, and in the case of some SDG targets, by 2020. The targeted nature of the Bristol Resilience Strategy ensures that all resilience actions are relevant to Bristol, but of course these will be less relevance to other cities, especially those not within the 100 Resilient Cities network.

1.2 What might a West of England Combined Authority mean for Bristol and the SDGs?

12. On 4th May 2017, voters in Bath and North-East Somerset, Bristol and South Gloucestershire local authorities, elected their first Metro Mayor. This role is separate from, and additional to, that of the Mayor of Bristol, who will retain power over BCC and its services. Acting with the Bristol Mayor and the leaders of the other two authorities, the Mayor of the West of England Combined Authority (WECA) will be able to (Department for Cities and Local Government, 2016):

- Invest in local priorities via a new Investment Fund (valued at £900 million over 30 years) (potentially a range of SDGs);
- Manage local transport and bus services (SDG9);
- Have more power over land-use to meet housing (SDG11), employment (SDG8) and transport (SDG9) needs;
- Promote equality (SDGs 1, 5, and 16) and improve the local environment (SDG11 and 15);
- Control adult education services (SDG4).
- 13. We believe that regional devolution presents a great opportunity for Bristol to not only meet the targets of the SDGs, but to integrate sustainable development principles in its policies. The devolution of the above powers encompasses a minimum of, if not more than, 8 of the 17 goals. Not only this, but the goals addressed by these devolved powers include 63 of the targets identified as 'green' or 'amber' in our traffic-light analysis (Appendix 2).
- 14. WECA will have a 'single pot' fund, with power to transfer funds between budgets according to local needs and priorities, with the potential to address several SDGs. This fund consists of three main elements: the investment fund grant, for investment in local economic priorities; the transport grant; and the adult education budget. The investment fund grant is for up to £30 million per year in the local area over 30 years, totalling £900 million.
- 15. The first payment of this budget to WECA by central Government was made in March 2017. Funding will be allocated separately for the development of a Local Transport Plan, which will include responsibility for tackling air pollution (Targets 3.9, 11.6). The increased responsibility for adult education funding has the capacity to make a huge contribution to the successful implementation of SDG4. Every Target in Goal 4 was identified as relevant to Bristol in our traffic-light analysis (Fig.2, Appendix 2). Responsibility for adult education addresses targets 4.3, 4.5, 4.6, and 4.8, especially if WECA provides a 'suitable range of colleges' that are inclusive, transparently funded, and capable of maintaining educational standards (Department for Communities and Local Government, 2016).

Goal: Name (no of targets) ■ Relevant ■ Potentially relevant ■ Not relevant 4: Education (10) 100% 5: Gender (9) 89% 12: Consumption/Production (10) 80% 6: Water (8) 75% 11: Cities (10) 70% 16: Justice (12) 67% 9: Infrastucture (8) 63% 7: Energy (5) 60% 8: Jobs (12) 58% 10: Inequality (9) 56% 15: Life - land (12) 50% 13: Climate Change (5) 40% 3: Health (13) 38% 17: Partnerships (19) 2: Hunger (8) 14: Life - water (10) 20% 1: Poverty (7) 14%

Figure 2: The percentage of targets classed as relevant to Bristol for each Goal

16. The combined authority will be required to be transparent, with agendas, discussion papers and minutes published online in line with the Local Government Transparency Code. This may create opportunities for accessible, and geographically specific, indicators to monitor the performance of the West of England combined authority SDG success.

Section 2: Grassroots Engagement

2.1 How do city organisations map onto the SDGs?

- 17. We sampled a total of 64 different groups within Bristol working towards the SDGs (Appendix 3). The SDGs are all covered by at least one action group. This is a small sample, limited by time and resources, but gives an idea of activity. A fuller organisational mapping would be very informative.
- 18. Over 50% of these 64 organisations were addressing 4 of the goals. Both SDG1 and SDG5 constituted 14% of the groups (Fig. 3). In particular, many groups addressing SDG1 also worked towards hunger, health and wellbeing, and economic and social inequalities. For instance, the homelessness charity, Matthew Tree Project, aims to provide assistance to those living in poverty, provide nutritional and well-being aid, and prevent economic inequalities. Whilst some groups, such as 'Christians against Poverty' focus on one goal, others cover a range of SDGs.
- 19. For SDGs 4, 6, 12, and 13 we found only one organisation for each Goal, suggesting that more action in these areas may be needed. For example, by promoting grassroots, community-led initiatives, especially in the most deprived areas, which would in turn address SDG 10. Alternatively, grassroots initiatives which address SDG10 will consequently help address other issues including inequality within areas, such as education, well-being, and responsible consumption.

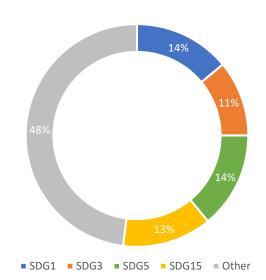


Figure 3: Top 4 SDGs addressed by organisations based in Bristol

2.2 Are organisations in Bristol identifying or incorporating the SDGs in their work?

- 20. The SDGs present real opportunities for businesses and other organisations to address economic, social and environmental challenges in Bristol. Research shows that the SDGs can be successfully implemented by businesses, and may improve the organisation's social value, stakeholder relations, and quality of reporting (GRI, 2015).
- 21. From our limited interviews, we found there was an awareness of the SDGs amongst businesses, but they had not yet been incorporated into sustainability strategies. This is likely due to the SDGs being a relatively new and a yet not widely understood framework. While respondents were aware of the SDGs, national professional bodies also play a role in the increasing awareness, as seen by the work of the Institute of Chartered Accountants of England and Wales, and the Institute of Environmental Management and Assessment.
- 22. For example, @Bristol had an existing sustainability strategy before the SDGs were ratified. Therefore, instead of basing their strategy on the goals, they have mapped how the SDGs apply to their sustainability strategy and analysed which goals are being addressed. Through their company goals and sustainability strategy, @Bristol address all goals except SDG1 and SDG9.
- 23. Another example, Sustain Live advises small-scale businesses and social enterprises on green innovation and sustainability. They originally encouraged businesses to build their sustainability strategies from the SDG indicators, but consequently found that small businesses were more focussed on financial stability than social and environmental objectives. They believe that to effectively meet the SDGs, organisations should apply the SDGs to their existing sustainability frameworks. Sustainability consultancy organisations can help to improve the sustainability of businesses' strategies and the application of the SDGs within them.

Section 3: Bristol and SDG Indicators

- 24. The SDGs and their targets can act as a "management tool" (UN Sustainable Development Solutions Network, 2015), and the indicators serve as a way to assess the current situation then move toward the goals.
- 25. Given the significant role city governments will have in in executing the SDGs (Lucci and Lynch, 2016). It is therefore crucial that data exists at the regional, city, and smaller scales to provide an effective way to measure progress toward the SDGs (Pinter, 2013).

3.1 Existing local datasets

26. A breadth of data is available to examine how successfully Bristol is addressing the SDGs. Government bodies, such as DEFRA and the Environment Agency, also hold a range of datasets covering Bristol. We found that the majority of SDG-relevant data is published by BCC, including air and water pollution monitoring, the state of the current local economy and educational achievement (BCC, 2017a). Several local charities were also found to have undertaken research and published reports that were useful in SDG mapping (Table 2).

3.2 Data rich

- 27. Goals that were more quantifiable were generally better served with data. This may be because monitoring progress numerically toward these goals is easier. Additionally, it is more beneficial from a political standpoint to produce data which shows progress against measurable goals. Data is readily available where it is relevant to defined indexes, and comparable on a national level.
- 28. Consequently, there were multiple datasets available for goals encompassing economic parameters and for those addressing inequality (Table 2). These data were often disaggregated by demographic factors, including gender, religion, ethnicity, age and income. This is of vital importance to the SDGs and their 'Leave No-One Behind' strategy (ONS, 2016).

3.3 Data poor and dataset limitations

- 29. We found that SDG7 was poorly served with data (Table 2). Although indicator data could be found for particular LSOAs of Bristol, and BCC provides data for its own use of renewable energy, there is no city-scale dataset.
- 30. Monitoring progress is also made more difficult as there was no specific definition of "affordable". Data addressing SDG12 was also difficult to locate as it was challenging to quantify (Table 2). Indeed, research found that 91 targets (54% of the SDGs) are not explicit enough, which renders them difficult to measure logistically (Hák, 2016).
- 31. Locating data which effectively measures progress toward the SDGs is "incredibly complex" (Maurice, 2016). There are technical challenges surrounding accessibility and quality (Lucci et al, 2016), and although the necessary data likely exists, it is often not publicly available. Much of the data was also out of date, particularly research published by charities and local organisations that are not required to keep information updated. Finally, on those goals which did not have clear indicators (i.e. SDG17), datasets were also difficult to locate.

Table 2: The SDGs, indicators and local key datasets

Goals	Indicators ¹	Datasets ²
1	Percentage living below the 'poverty line' Life Expectancy Poverty Deprivation	Poverty Gap Index Public Health England Church Urban Fund Index of Multiple Deprivation (DCLG), including Deprivation in Bristol 2015 Report
2	Malnutrition (elderly population) Food poverty Food sustainability Food Bank use	The Matthew Tree Project dataset Trussell Trust Data 'Who feeds Bristol?: Towards a resilient food plan' 'A Good Food Plan for Bristol 2015' CSI Nuffield
3	Road accidents Drug and Alcohol Use Air Pollution Crime Wellbeing	Department of Transport, SamSaunders Bristol Bristol Drug and Alcohol Survey 2012, Prevalence of Drug Use Report Bristol BCC Air Quality Monitoring Avon and Somerset Police Department, and the Safer Bristol Crime and Disorder Strategic Assessment Happy City Index
4	University achievement School performance Ethnicity and school achievement	Bristol and UWE data archives Bristol Annual School Census (BCC) Bristol Education Performance Report 2014-2015 (BCC) 'Ethnicity and Achievement in Bristol's Schools' (BCC)
5	Abuse Employment Levels Maternal Morality Trafficking Representation Life expectancy	Bristol Against Violence and Abuse Office for National Statistics World Health Organisation Bristol Fawcett Annual Report 2014 "The Right Man for Bristol" Gender, Representation and the Mayor of Bristol BCC NHS
6	Water Quality Water Supply	BCC Environment Agency Bristol Water
7	Renewable Energy Council Use of Renewable Energy The Energy Service	UK Renewable Energy Roadmap BCC
8	Employment levels Labour market profile Income growth Employment in relation to National Average	ONS regional employment City of Bristol – Official Labour Market Statistics Bristol Local Economic Assessment State of Bristol: Key Facts 2015 - BCC
9	Future Cities Research Resilience Sustainability	Cabot Institute Bristol Resilience Strategy, BCC Resilience and Sustainable Development: Conceptual and Programme Linkages and Potential Next Steps in Bristol —The Schumacher Institute Bristol: European Green Capital 2015

	Economic Inequalities	Bristol Economic Briefing March 2017
	Ethnicity	Runnymede Trust, 'Ethnic Minority disadvantage in Education
10	Regional Inequalities	and Employment'
		Quartet Community Foundation report
	Affordable housing	'Managing urban expansion - Core Strategy', BCC
11	Urbanisation	'Bristol's Parks and Green Space Strategy', BCC
	Green Space	
	Levels of waste	Bristol Development Monitoring Report 2015
12	Recycling Rate	Compare Bristol's recycling rate to other councils – The Guardian
12	Material footprint per GDP	published report
		Forum for the Future 2015 report
	Climate change and local policy	'Our resilient future: a framework for climate and energy
13	Climate Security Climate	security'
		Cabot Institute data
		'Change and Sustainability' – BCC
4.4	Water quality and pollution	'Mapping in the Severn estuary and inner Bristol Channel', BCC
14	Ecosystem services	From City to Sea
	Waste from the City Clean Water	Bristol Avon Rivers Trust
	Sites of Nature Conservation	National Government Datasets
	Interest	Local list of valued buildings – BCC
15	Ecosystem Conservation	Bristol Regional Environmental Records Centre
13	Protected buildings	Bristol Avon Rivers Trust
	Species and Habitat Data	Distantivers trust
	Invasive Species	
	Crime Levels	Safer Bristol Crime and Disorder Strategic Assessment
16	Crime rates	Neighbourhood Scout Bristol
10	Human trafficking and modern	BCC
	slavery	
	Research collaboration with	Natural Environment Research Council (NERC) and the Economic
	other countries	and Social Research Council (ESRC) funded research
17	Internet Access	Households and Individuals across Great Britain – ONS report
	Financial and technical	Bristol Volunteers for Development Abroad, Development
	assistance to developing	Initiatives Bristol
	countries	

¹Indicators were assessed from the UN SDG targets.
² A list of organisations and/or reports that publish relevant datasets.

Section 4: Gap Analysis

32. Our gap analysis found that while not all the goals are being tackled equally, there is at least one target within each goal that is beginning to be addressed in Bristol. Some goals are better represented by city strategies and as such are better served, however the existence of a city strategy does not mean the goal or target is being met. We will consider which goals Bristol performs well on, which present the greatest challenges, and then which goals need the most immediate action.

4.1 Where does Bristol perform well?

- 33. One of the strongest goals for Bristol is SDG6, Clean Water and Sanitation. New public pumps, and reductions in prices, have made water far more accessible to the public (Targets 6.1, 6.2, 6.8, Appendix 1, Competition and Markets Authority, 2015). Furthermore, harbour water quality has been steadily increasing over the past 30 years (BCC, 2017b), and the Council has multiple groups working towards protecting, riverine and water based ecosystems. We found limited grassroots action, perhaps because the city is largely successful in addressing the issues raised in the targets.
- 34. Ecosystem protection is also seen in SDG14 and SDG15. Both are served by city council strategies and multiple conservation groups. While our traffic light analysis of the targets for SDG14 found many were not relevant to Bristol, Bristol Rivers of Life and Bristol Avon River Trust are working to combat those that are. The lack of relevance is highlighted in the lower numbers of action groups and data sets for these goals (Section 2 and 3). TreeBristol and the Bristol Biodiversity action plan and national conservation strategies mean Bristol scores highest on Green Space in the HCI (2016), which is calculated from number of conservation areas and use of outdoor spaces. Furthermore, the city farms, allotments and parks are reflected in the 82% of people who are happy with green spaces (11.7; BCC, 2016c).
- 35. Alongside this, the proposed Clean Air Zone (Onions, 2017; BCC Newsroom, 2017), the integration of equality and environmentalism to city policies (10.2, 10.3, 15.2, 15.9), increasing investments in green energy (Bristol Energy Cooperative, 2017; 7.2, 7.3), and high economic productivity (8.1, 8.2, 8.5) of the city highlight other SDG success. Bristol is able to maintain the fastest economic growth outside of London (Economist, 2016) without severely compromising the environment, indicated by receiving the highest sustainability score of the HCI (SDG11 and SDG12; HCI, 2016). Furthermore, city (Centre for Sustainable Energy, 2017; BGCP, 2017), national (UKSSD, 2017), and international partnerships (University of Bristol, 2017) show strong cooperation and work towards SDG17, a goal that is often overlooked at the city level (University of Baltimore, 2017).

4.2 Where do the greatest challenges lie?

- 36. Despite some success in almost every goal, there are still multiple SDG targets where improvements are necessary to meet them. Furthermore, health in Bristol is poor, with nearly 35% of children and over 45% of the total population who are obese. Over 51% of the population is malnourished and there are severe problems with substance abuse and smoking (2.1, 2.2, 3.4, 3.5, 3.10).
- 37. The city faces issues of slavery, forced labour and crime (5.2, 8.7, 16.1, 16.2, 16.4; UKcrimestats, 2017; Anti-Slavery Partnership, 2017). These span multiple goals but tend to be found in the same parts of the city that also face the most deprivation (Emanuel, 2015). When indicators for Goals 2, 3, 4, 5, 10 and 16 are considered it is most often the most deprived areas that face challenges.
- 38. Disparities in deprivation mean that despite having some of the most affluent districts in the UK, 42 of 263 LSOAs in Bristol are in the 10% most deprived in the country (Peters, 2015). This represents nearly 20% of the population. These areas often perform poorly in other targets as well (Fig. 4).

Figure 4: A map of deprivation by LSOA (Peters, 2015)

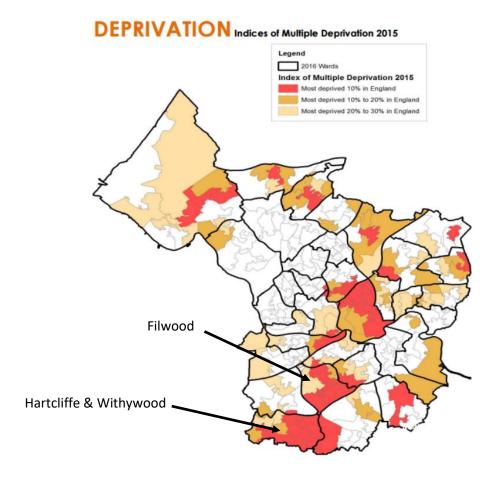
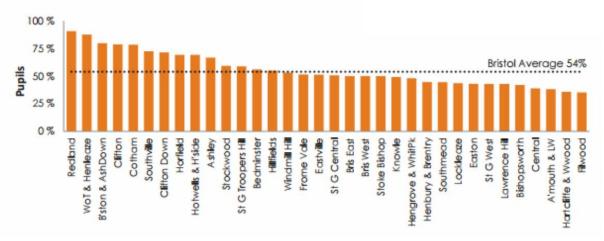


Figure 5: A graph of education by ward (BCC, 2016b)





- 39. In Bristol, 54% of children receive a passing grade in their secondary education, which is slightly higher than the UK average (BCC, 2016b). However, in some wards this is less than 40% (Filwood, Hartcliffe, Central, Fig. 5). These wards also face elevated crimes rates (16.1, 16.4), premature mortality (3.4), distrust of institutions (16.6, 16.7) and reduced care for the planet and their local environment (13.3; BCC, 2016c). Social inclusion is often poor here as well, with many of the most deprived areas correlating with high percentage minority populations and low levels of English (BCC, 2016c).
- 40. Other targets such as transport (50.3% happy with public transport, 9.1, 11.2; BCC, 2016c), fuel poverty (13.5% of the city in fuel poverty, 7.1), food waste (39% of total waste in Bristol, 12.3), education inequalities (4.3, 4.5), environmental education (only 74% of city worried about Climate Change, 13.3), access to affordable housing (11.1) and youth employment (21.3% of youth receiving Job Seekers Allowance, 8.6) all need further work.

4.3 Where is early action required?

- 41. There are large numbers of organisations already addressing the goals with the worst performance (Section 2). Despite this, there are still areas that need development. Improvements in education are key as they can lead to health improvements (Cutler and Lleras-Muney, 2006; Brown et al, 2013), reduced inequalities, and crime, but will inevitably take time to occur. Improving education will increase opportunities and employability, care for the environment, and health (van der Berg, 2008).
- 42. Another important target area is transport. Large-scale infrastructure projects take many years to complete and therefore need to be started well in advance of 2030 in order to meet the goals. In addition to this, social mobility has been strongly linked with access to good transport links. Improving citywide access to transport links may help improve inequalities across the city (Lucas, 2012; Kenyon, 2002).
- 43. The development of affordable housing is important for Bristol as the average resident spends 39% of their income on accommodation, and homelessness is a major problem in the city (Economist, 2016). It will require long term investment in new communities and affordable housing, especially as many predict that locals will be 'priced out' as wealthier migrants from London and abroad see Bristol as an inviting area to live (Economist, 2016).

Section 5: Relevance and Risks of the SDGs to Bristol

- 44. Although the SDGs were ratified by a majority of world leaders, they have their critics. We found that 3 risks for implementation exist: policy inconsistencies, public engagement, and inconsistencies within the goals. We will address why they are a problem and how these risks can be mitigated.
- 45. The Goals contain a series of inconsistencies and risks for those trying to implement them, which if not properly addressed, could cause the sustainable development agenda to be held up or even move in the wrong direction. Nobel Laureates at the Copenhagen Consensus found that if the world attempted to address every target in the goals equally, the economic social benefit per dollar spent would reduce by up to a quarter (Kydland et al, 2015). This is a warning sign for those attempting to implement the SDGs.

5.1 Policy Incoherence

46. Many within the SDG community have complained that the UK government has sidestepped the issue of policy coherence in implementing the SDGs (Long, 2017). The recent DFID report has been selective in highlighting only current policies tackling the goals and areas of success and ignores marginal groups like migrants, homeless and those in social care (DFID, 2017; Long, 2017). In total there are 16 areas where government policy directly contradicts SDG targets (UKSSD, 2016; Table 3). These inconsistencies in national policy, while detrimental to UK implementation, are more identifiable and combatable at a local level (Sexsmith and McMichael, 2015).

Table 3: A selection of the policy inconsistencies presented by the UKSSD (2017) which	are relevant to Bristol
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Goal(s)	Potential Incoherence
7, 11, 13, 15	Energy policies are not moving the UK to a low-carbon society.
1, 2	EU and DFID food production policies are not consistent.
1, 2	·
3, 11, 13	Reduced incentives to buy less polluting cars, increases air pollution and emissions.
1, 10	Increasing inequality and deprivation fails to improve the life chances of the poorest.
6, 15	Government commitments to expand food production, contrast the restoration of water bodies and forests.

- 47. The SDGs also present policy inconsistencies on a local scale. For instance, Bristol will need to co-ordinate policy with the new regional combined authority. Policy coherence has increasingly been the focus of academic literature since the ratification of the SDGs in 2015 (Nilsson et al, 2016; Shepherd et al, 2015; Simon et al, 2015) and this will be only more challenging across a wider and more varied geographic area that the WECA presents. Perhaps the most complementary method to combat policy coherence and successfully implement the SDGs and resilience strategy is to employ the goals as a method of informing the assessment of the Resilience Strategy's effectiveness (Barker, 2016).
- 48. The Bristol Resilience Strategy identifies the barrier between our city and truly sustainable development as 'our own resistance to change, national and international policies, and a lack of appropriate financing' (BCC, 2016a). Therefore, the combined authority devolution may present an opportunity to address this barrier by providing more funding, and greater discretion over its use, to invest in improvements that are region-specific. Policy coherence will be ever-central to making this opportunity a success. Ensuring coherence between policies devised and enforced by BCC and the combined authority will be essential. London's Sustainability Commission is a potentially useful model for this.

49. There is a useful tool for scoring the interactions between individual SDGs (Fig 6). Employing this, or a similar framework, for mapping the interactions between SDGs will help to ensure policy coherence on a city-scale. This coherence will avoid disputes between achieving SDG targets, and improve the possibility of cohesive implementation of the agenda as a whole.

Figure 6: Mapping the interactions between SDGs for policy-making (Nilsson et al, 2016)

GOALS SCORING The influence of one Sustainable Development Goal or target on another can be summarized with this simple scale.			
Interaction	Name	Explanation	Example
+3	Indivisible	Inextricably linked to the achievement of another goal.	Ending all forms of discrimination against women and girls is indivisible from ensuring women's full and effective participation and equal opportunities for leadership.
+2	Reinforcing	Aids the achievement of another goal.	Providing access to electricity reinforces water-pumping and irrigation systems. Strengthening the capacity to adapt to climate-related hazards reduces losses caused by disasters.
+1	Enabling	Creates conditions that further another goal.	Providing electricity access in rural homes enables education, because it makes it possible to do homework at night with electric lighting.
0	Consistent	No significant positive or negative interactions.	Ensuring education for all does not interact significantly with infrastructure development or conservation of ocean ecosystems.
-1	Constraining	Limits options on another goal.	Improved water efficiency can constrain agricultural irrigation. Reducing climate change can constrain the options for energy access.
-2	Counteracting	Clashes with another goal.	Boosting consumption for growth can counteract waste reduction and climate mitigation.
-3	Cancelling	Makes it impossible to reach another goal.	Fully ensuring public transparency and democratic accountability cannot be combined with national-security goals. Full protection of natural reserves excludes public access for recreation.

5.2 Public Engagement

- 50. One of the most significant issues with the implementation of the SDG agenda in the UK and Bristol is how to engage the public. Re-branding and advertising campaigns have taken place (Murphy, 2015), but despite an extensive celebrity campaign, the goals are still struggling to gain traction with the public (Hickel et al, 2015), something that has been attributed in large part due to the sprawling nature of the goals (Hickel, 2015). The SDGs were intentionally ambitious, to continue and expand the work of the MDGs (Kumar et al, 2016) yet in attempting to combat every issue, SDG policies and progress can seem complicated and difficult for the public to interpret (Jones et al, 2016).
- 51. The UKSSD submitted evidence to the Environment Audit Committee of the House of Commons raising similar concerns, calling for two tiers of reporting, one with simple higher-level indicators for the public, and another more complex and rigorous report, so that methodologies and data are accessible.

- 52. Over-reliance on indicators can cause tension between engaging the public and showing successes and choosing effective indicators (Jones et al, 2016). Also, the use of indicators can discredit or ignore targets that are hard to quantify (Jones et al, 2016). Fortunately, BCC conducts an annual quality of life survey (BCC, 2016c). This provides information on residents' perceptions and attitudes, making available and accessible data on some of the goals that are more difficult to quantify.
- 53. The second problem arises from the choice of indicators to measure a target. Using the general example of gross domestic product (GDP), Jones *et al.* argue that indicators can drive the thinking and rhetoric of a discussion (Jones et al, 2016). GDP has forced much of the development agenda to become economically focused, when there is little evidence to show that an increase in GDP results in a reduction in poverty, or inequality (Merry, 2011; Espeland and Sauder, 2007).
- 54. Public engagement can be initiated through top-down, bottom-up or a combined approach. The success of Bristol European Green Capital 2015 (Sweeting and Hambleton, 2015), highlighted how the city already possesses a number of grassroots actors covering the goals (Section 2).
- 55. Companies have an important role to play here. They should develop their sustainability strategies as they evolve based on the goals, following the examples of companies like Airbus, Triodos and UWE, rather than just mapping the SDGs to their current strategies. In addition, a concerted effort by these business networks and organisations will allow citizens to better engage with the goals. Alongside this, a city-wide Bristol SDG education programme, such as an SDG week, could provide a top down approach to educating the city on the issues surrounding the goals. A 'Global Goals' centre for Bristol has also been proposed which would encourage schoolchildren and other citizens to engage with the global sustainability agenda.

5.3 Inconsistencies within the SDGs

- 56. One major inconsistency is the economic development and environmental protection targets within the goals. The SDGs call for sustained economic growth, from increased industry and production, while promoting environmental protection and sustainable consumption. These two targets may be considered to be mutually exclusive (Victor, 2010; Antal, 2014), and some of those who do not consider this believe that major changes to the global economy will be needed (Boyce, 2007; Dasgupta et al, 2002). The simple indicators of GDP and economic growth cannot be used to predict improvements in poverty, and will result in a reliance on continued excessive consumption (Victor, 2007).
- 57. Using ward- and district-level data can help to target policies at the areas of worst deprivation and inequality (see Section 4). This allows for community economic growth and environmental protection, while also combating multiple other interlinked targets. Furthermore, connecting organisations operating in similar fields can coordinate efforts and identify areas where such groups are underrepresented.

Conclusions and Policy Implications

- 58. There are a range of views about the value of the SDGs at city level. Many note that the success of the SDG agenda rests crucially on their implementation in cities. However, the feasibility of this is challenged by the sheer variety and vast number of goals, targets and indicators. Some SDG targets simply do not apply to developed country urban environments, or are too unspecific to implement successfully at the local level. Consequently, some have argued that the resilience strategy is more applicable on a citywide scale for Bristol (Barker, 2016).
- 59. However, SDG11 focuses specifically on cities. This is vital to the success of the SDGs and their agenda of leaving "no one" and "no place" behind. A strategic choice would be to focus development efforts on cities, as improvement in these regions will have a disproportionate impact on development. As the Sustainable Development Solutions Network (2015) states, the SDGs act as a "roadmap for a more balanced and equitable urban development", and thus must be implemented at all levels of governance. Many current datasets are spatially disaggregated by the BCC, meaning a comparison and gap-analysis is possible across Bristol. Ensuring policy synergy will be vital to achieving a more socially, environmentally and economically just Bristol.
- 60. We advocate the following policy implications:
- 1) Policy efforts should be focused on sectors with less data and/or action groups, notably SDG4, 6, 12 and 13.
- 2) Major efforts to reduce inequality are needed, noting for example the widespread homelessness
- 3) Improved access to and quality of transport will benefit equality through increased social mobility.
- 4) Improved secondary education pass rates will increase knowledge and consequently care for: health, societal, and environmental issues.
- 5) Monitoring progress across all the SDGs requires accurate measurement and datasets. To be effectively monitored it is important that these datasets are disaggregated both by area and demographics.
- 6) Alignment with existing policies is important; the SDGs need to be integrated effectively into the existing policy framework.
- 7) Better education and raising awareness on the SDGs is vital, as it can lead to the SDGs becoming better integrated into business objectives and policy.
- 8) Better collaboration between stakeholders is required.
 - a) It is crucial to ensure that organisations are aware of each other and how they address all of the goals collaboratively. Organisations/charities do not need to address all of the goals, but target those most relevant to their organisation.
 - b) Harmonisation of policies will improve the effectiveness of policies and their implementation.

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Appendices

Appendix 1: Methodology

The majority of our research was desk-based, with some additional approaches.

Action Groups

In order to understand which organisations are operating at the grassroots level, we created a table of 'Action Groups' (Appendix 3). These groups were defined as businesses and organisations based within Bristol which have addressed the SDG Targets. International charities or other organisations which may have a base in Bristol, but focus on international projects, were excluded. We sampled 64 groups through their online presence or through word of mouth. This was limited by available resources and time.

We planned to survey in more depth such organisations, but our survey received very low response rates. This may be related to general SDG awareness levels. We undertook face-to-face and skype interviews with two organisations that accepted an invitation.

Data Collection

In collecting quantitative and qualitative data to analyse the SDGs in Bristol, we used a UN document, 'The Report of the Inter-Agency and Expert Group on Sustainable Development Goal Indicators' (UNDESA, 2016). This document contained a variety of indicators mapped onto each goal. After an appropriate indicator for Bristol was found, we undertook a one-directional internet search examining the data available in Bristol targeting that particular variable. Online reports, numerical datasets, and the organisations that published data were included. Each SDG was included in turn. A table was produced showing, 1) the appropriate goal, 2) a variety of suitable indicators, and, 3) the online datasets that were found with information (both qualitative and quantitative) that addressed that Goal.

Gap Analysis

We analysed the datasets found in Section 4 to assess the more quantifiable targets. We also reviewed Bristol City Council strategies to assess targets focused on policies, and compared the work of other cities that have applied the goals to develop further indicators for Bristol.

Traffic Light Analysis

The 17 Goals were initially underpinned by 169 targets. This allows governments to more easily monitor the progress of goals, as each indictor is measurable. However, to properly understand how the SDGs relate to Bristol, we needed to assess which goals were most 'applicable', or 'relevant' to Bristol. We defined 'relevant to Bristol' as anything that was currently an issue to Bristol, and anything that we felt Bristol needed to address. For instance, we decided that the UN's definition for "extreme poverty" [Goal 1, Indicator 1.1] was irrelevant to Bristol, as this is \$1.25 per day; however, Goal 1, Indicator 1.2 is highly applicable to Bristol as it addresses poverty in accordance to national definitions. In this manner, we decided that many of the targets are more applicable to developing countries, and Bristol's sustainability agenda should be more thorough than the targets suggest, to ensure Bristol meets the Goals.

We recorded this as: red being irrelevant/not directly relevant; amber being potentially relevant, with more analysis needed; and green being relevant. Across the targets, 91 (54%) were rated green, 33 (20%) were rated amber, and 45 (27%) rated red (Fig. 7).

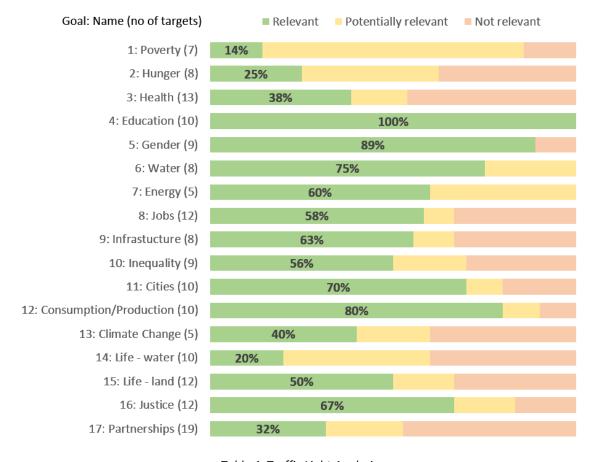
Figure 7: Percentage of targets' relevance to Bristol

Relevant	Potentially relevant	Not relevant
91	33	45
54%	20%	27%

Appendix 2: Traffic Light Analysis

The chart below shows highlights the share of targets assessed as green for each Goal, ordered by Goal. This is the mirror image to Fig. 2, where the Goals are ordered by their Targets' relevance to Bristol.

Figure 8: The percentage of targets classed as relevant to Bristol for each Goal



	: End poverty in all its forms everywhere	
	number of targets under classification/categorisation total number of targets in Goal)	
Green	<u>·</u>	
1.2	By 2030, reduce at least by half the proportion of men, women and children of all ages	
A reade our	living in poverty in all its dimensions according to national definitions	
Amber		
1.3	By 2030, ensure that all men and women, particularly the poor and the vulnerable, have	
	equal rights to economic resources, as well as access to basic services, ownership, and control over land and other forms of property, inheritance, natural resources,	
	appropriate new technology, and financial services including microfinance	
1.4	Implement nationally appropriate social protection systems and measures for all,	
1.4	including floors, and by 2030 achieve substantial coverage of the poor and the	
	vulnerable	
1.5	By 2030, build the resilience of the poor and those in vulnerable situations, and reduce	
1.5	their exposure and vulnerability to climate-related extreme events and other economic,	
	social and environmental shocks and disasters	
1.6	Ensure significant mobilisation of resources from a variety of sources, including through	
	enhanced development cooperation, in order to provide adequate and predictable	
	means for developing countries, in particular least developed countries, to implement	
	programmes and policies to end poverty in all its dimensions	
1.7	Create sound policy frameworks at the national, regional and international levels, based	
	on pro-poor and gender-sensitive development strategies, to support accelerated	
	investment in poverty eradication actions	
Red 1/	7	
1.1	By 2030, eradicate extreme poverty for all people everywhere, currently measured as	
	people living on less than \$1.25 a day	
Goal 2	2: End hunger, achieve food security and improved nutrition and promote sustainal	ole
agricul	ture	
Green	2/8	
2.2	By 2030, end all forms of malnutrition, including achieving by 2025 the internationally	
	agreed targets on stunting and wasting in children under five years of age, and address	
	the nutritional needs of adolescent girls, pregnant and lactating women, and older	
	persons	
2.4	By 2030, ensure sustainable food production systems and implement resilient	
	agricultural practices that increase productivity and production, that help maintain	
	ecosystems, that strengthen capacity for adaptation to climate change, extreme	
	weather, drought, flooding and other disasters, and that progressively improve land	
	and soil quality	
Amber	·	
2.1	By 2030, end hunger and ensure access by all people, in particular the poor and people	
	in vulnerable situations including infants, to safe, nutritious and sufficient food all year	
2.5	round	
2.5	By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and	
	domesticated animals and their related wild species, including through soundly	
	managed and diversified seed and plant banks at the national, regional and	
	international levels, and promote access to and fair and equitable sharing of benefits	
	arising from the utilization of genetic resources and associated traditional knowledge,	
	as internationally agreed	

2.8	Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food			
	reserves, in order to help limit extreme food price volatility			
Red 3/				
2.3	By 2030, double the agricultural productivity and the incomes of small-scale food producers, particularly women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities for value addition and non-farm employment			
2.6	Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries			
2.7	Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round			
Goal 3	: Ensure healthy lives and promote wellbeing for all at all ages			
Green				
3.4	By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being			
3.5	Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol			
3.7	By 2030 ensure universal access to sexual and reproductive health care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes			
3.9	By 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination			
3.13	Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks			
Amber	2/13			
3.6	By 2020 halve global deaths and injuries from road traffic accidents			
3.8	Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all			
Red 6/	13			
3.1	By 2030 reduce the global maternal mortality ratio to less than 70 per 100,000 live births			
3.2	By 2030 end preventable deaths of new-borns and under-five children			
3.3	By 2030 end the epidemics of AIDS, tuberculosis, malaria, and neglected tropical diseases and combat hepatitis, water-borne diseases, and other communicable diseases			
3.10	Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate			
3.11	Support the research and development of vaccines and medicines for the communicable and noncommunicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use to the full the provisions in the Agreement on			

	Trade Related Aspects of Intellectual Property Rights regarding flexibilities to protect						
	public health, and, in particular, provide access to medicines for all						
3.12							
	retention of the health workforce in developing countries, especially in least developed						
	countries and small island developing States						
Goal	4: Ensure inclusive and equitable quality education and promote lifelong learni	ng					
	tunities for all						
Green							
4.1	By 2030, ensure that all girls and boys complete free, equitable and quality primary and						
	secondary education leading to relevant and effective learning outcomes						
4.2	By 2030 ensure that all girls and boys have access to quality early childhood						
	development, care and pre-primary education so that they are ready for primary						
	education						
4.3	By 2030 ensure equal access for all women and men to affordable quality technical,						
	vocational and tertiary education, including university						
4.4	By 2030, substantially increase the number of youth and adults who have relevant skills,						
	including technical and vocational skills, for employment, decent jobs and						
	entrepreneurship						
4.5	By 2030, eliminate gender disparities in education and ensure equal access to all levels						
	of education and vocational training for the vulnerable, including persons with						
	disabilities, indigenous peoples, and children in vulnerable situations						
4.6	By 2030, ensure that all youth and a substantial proportion of adults, both men and						
	women, achieve literacy and numeracy						
4.7	By 2030 ensure all learners acquire knowledge and skills needed to promote sustainable						
	development, including among others through education for sustainable development						
	and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship, and appreciation of cultural diversity and of						
	culture's contribution to sustainable development						
4.8	Build and upgrade educational facilities that are child, disability and gender sensitive						
1.0	and provide safe, non-violent, inclusive and effective learning environments for all						
4.9	By 2020, substantially expand globally the number of scholarships available to						
	developing countries, in particular least developed countries, small island developing						
	States and African countries, for enrolment in higher education, including vocational						
	training and information and communications technology, technical, engineering and						
	scientific programmes, in developed countries and other developing countries						
4.10	By 2030, substantially increase the supply of qualified teachers, including through						
	international cooperation for teacher training in developing countries, especially least						
	developed countries and small island developing states						
	: Achieve gender equality and empower all women and girls						
Green							
5.1	End all forms of discrimination against all women and girls everywhere						
5.2	Eliminate all forms of violence against all women and girls in the public and private						
F 2	spheres, including trafficking and sexual and other types of exploitation						
5.3	Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation						
5.4	Recognize and value unpaid care and domestic work through the provision of public						
5.4	services, infrastructure and social protection policies and the promotion of shared						
	responsibility within the household and the family as nationally appropriate						
5.5	Ensure women's full and effective participation and equal opportunities for leadership						
0.5	at all levels of decision-making in political, economic and public life						
	U 1 / TITTE						

	-			
5.6	Ensure universal access to sexual and reproductive health and reproductive rights as			
	agreed in accordance with the Programme of Action of the International Conference on			
	Population and Development and the Beijing Platform for Action and the outcome			
	documents of their review conferences			
5.8	Enhance the use of enabling technology, in particular information and communications			
	technology, to promote the empowerment of women			
5.9	Adopt and strengthen sound policies and enforceable legislation for the promotion of			
	gender equality and the empowerment of all women and girls at all levels			
Red 1/	9			
5.7	Undertake reforms to give women equal rights to economic resources, as well as access			
	to ownership and control over land and other forms of property, financial services,			
	inheritance and natural resources, in accordance with national laws			
Goal 6	: Ensure availability and sustainable management of water and sanitation for all			
Green	6/8			
6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally			
6.4	By 2030, substantially increase water-use efficiency across all sectors and ensure			
0.7	sustainable withdrawals and supply of freshwater to address water scarcity and			
	substantially reduce the number of people suffering from water scarcity			
6.5	By 2030, implement integrated water resources management at all levels, including			
0.0	through transboundary cooperation as appropriate			
6.6	By 2020, protect and restore water-related ecosystems, including mountains, forests,			
	wetlands, rivers, aquifers and lakes			
6.7	By 2030, expand international cooperation and capacity-building support to developing			
	countries in water- and sanitation-related activities and programmes, including water			
	harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse			
	technologies			
6.8	Support and strengthen the participation of local communities in improving water and			
	sanitation management			
Amber	2/8			
6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water			
	for all			
6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and			
	end open defecation, paying special attention to the needs of women and girls and			
	those in vulnerable situations			
Goal 7	: Ensure access to affordable, reliable, sustainable and modern energy for all			
Green	·			
7.2	By 2030, increase substantially the share of renewable energy in the global energy mix			
7.3	By 2030, double the global rate of improvement in energy efficiency			
7.4	By 2030, enhance international cooperation to facilitate access to clean energy			
	research and technology, including renewable energy, energy efficiency and advanced			
	and cleaner fossil-fuel technology, and promote investment in energy infrastructure			
A	and clean energy technology			
Amber				
7.1	By 2030, ensure universal access to affordable, reliable and modern energy services			
7.5	By 2030, expand infrastructure and upgrade technology for supplying modern and			
	sustainable energy services for all in developing countries, in particular least developed			
	countries, small island developing States, and land-locked developing countries, in			
	accordance with their respective programmes of support			

	3: Promote sustained, inclusive and sustainable economic growth, full and producti	ve			
Green	yment and decent work for all				
8.1	Sustain per capita economic growth in accordance with national circumstances and, in				
0.1	particular, at least 7 per cent gross domestic product growth per annum in the least				
	developed countries				
8.2					
0.2	upgrading and innovation, including through a focus on high-value added and labou				
	intensive sectors				
8.4	Improve progressively, through 2030, global resource efficiency in consumption and				
	production and endeavour to decouple economic growth from environmental				
	degradation, in accordance with the 10-year framework of programmes on sustainable				
	consumption and production, with developed countries taking the lead				
8.5	By 2030, achieve full and productive employment and decent work for all women and				
	men, including for young people and persons with disabilities, and equal pay for work				
	of equal value				
8.6	By 2020, substantially reduce the proportion of youth not in employment, education or				
	training				
8.7	Take immediate and effective measures to eradicate forced labour, end modern slavery				
	and human trafficking and secure the prohibition and elimination of the worst forms of				
	child labour, including recruitment and use of child soldiers, and by 2025 end child				
	labour in all its forms				
8.8	Protect labour rights and promote safe and secure working environments for all				
	workers, including migrant workers, in particular women migrants, and those in				
A 100 h 0 11	precarious employment				
Amber 8.3					
0.3	Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization				
	and growth of micro-, small- and medium-sized enterprises, including through access				
	to financial services				
Red 4/					
8.9	By 2030, devise and implement policies to promote sustainable tourism that creates				
	jobs and promotes local culture and products				
8.10	Strengthen the capacity of domestic financial institutions to encourage and expand				
	access to banking, insurance and financial services for all				
8.11	Increase Aid for Trade support for developing countries, in particular least developed				
	countries, including through the Enhanced Integrated Framework for Trade-Related				
	Technical Assistance to Least Developed Countries				
8.12	By 2020, develop and operationalize a global strategy for youth employment and				
	implement the Global Jobs Pact of the International Labour Organization				
	2: Build resilient infrastructure, promote inclusive and sustainable industrialisation a	nd			
	innovation				
Green					
9.1	Develop quality, reliable, sustainable and resilient infrastructure, including regional and				
	transborder infrastructure, to support economic development and human well-being,				
0.2	with a focus on affordable and equitable access for all				
9.3	Increase the access of small-scale industrial and other enterprises, in particular in				
	developing countries, to financial services, including affordable credit, and their				
	integration into value chains and markets				

9.4	By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with			
	increased resource-use efficiency and greater adoption of clean and environmentally			
	sound technologies and industrial processes, with all countries taking action in			
	accordance with their respective capabilities			
9.5	Enhance scientific research, upgrade the technological capabilities of industrial sectors			
	in all countries, in particular developing countries, including, by 2030, encouraging			
innovation and substantially increasing the number of research and develoworkers per 1 million people and public and private research and develospending				
	· · · · · · · · · · · · · · · · · · ·			
Amber				
9.2	Promote inclusive and sustainable industrialization and, by 2030, significantly raise			
9.2	industry's share of employment and gross domestic product, in line with national			
D = -1 2 /	circumstances, and double its share in least developed countries			
Red 3/				
9.6	Facilitate sustainable and resilient infrastructure development in developing countries			
	through enhanced financial, technological and technical support to African countries,			
	least developed countries, landlocked developing countries and small island developing			
	States 18			
9.7	Support domestic technology development, research and innovation in developing			
	countries, including by ensuring a conducive policy environment for, inter alia,			
	industrial diversification and value addition to commodities			
9.8	Significantly increase access to information and communications technology and strive			
	to provide universal and affordable access to the Internet in least developed countries			
	by 2020			
Goal 1	0: Reduce inequality within and among countries			
Green				
10.1	By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of			
10.0	the population at a rate higher than the national average			
10.2	By 2030, empower and promote the social, economic and political inclusion of all,			
	irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other			
	status			
10.3	Ensure equal opportunity and reduce inequalities of outcome, including by eliminating			
	discriminatory laws, policies and practices and promoting appropriate legislation,			
	policies and action in this regard			
10.4	Adopt policies, especially fiscal, wage and social protection policies, and progressively			
	achieve greater equality			
10.10	By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances			
	and eliminate remittance corridors with costs higher than 5 per cent			
Amber	2/9			
10.5	Improve the regulation and monitoring of global financial markets and institutions and			
	strengthen the implementation of such regulations			
10.7	Facilitate orderly, safe, regular and responsible migration and mobility of people,			
	including through the implementation of planned and well-managed migration policies			
Red 3/				
10.6	Ensure enhanced representation and voice for developing countries in decision-making			
10.0	in global international economic and financial institutions in order to deliver more			
	effective, credible, accountable and legitimate institutions			
10.8	Implement the principle of special and differential treatment for developing countries,			
10.8	· · · · · · · · · · · · · · · · · · ·			
	in particular least developed countries, in accordance with World Trade Organization			
	agreements			

10.9	Encourage official development assistance and financial flows, including foreign direct					
	investment, to States where the need is greatest, in particular least developed					
	countries, African countries, small island developing States and landlocked developing					
	countries, in accordance with their national plans and programmes					
Goal 1	1: Make cities and human settlements inclusive, safe, resilient and sustainable					
Green	7/10					
11.1	By 2030, ensure access for all to adequate, safe and affordable housing and basic					
	services and upgrade slums					
11.2	By 2030, provide access to safe, affordable, accessible and sustainable transport					
	systems for all, improving road safety, notably by expanding public transport, with					
	special attention to the needs of those in vulnerable situations, women, children,					
	persons with disabilities and older persons					
11.3	By 2030, enhance inclusive and sustainable urbanization and capacity for participatory,					
	integrated and sustainable human settlement planning and management in all					
	countries					
11.4	Strengthen efforts to protect and safeguard the world's cultural and natural heritage					
11.6	By 2030, reduce the adverse per capita environmental impact of cities, including by					
	paying special attention to air quality and municipal and other waste management					
11.7	By 2030, provide universal access to safe, inclusive and accessible, green and public					
	spaces, in particular for women and children, older persons and persons with					
	disabilities					
11.8	Support positive economic, social and environmental links between urban, peri-urban					
	and rural areas by strengthening national and regional development planning					
Amber	1/10					
11.5	By 2030, significantly reduce the number of deaths and the number of people affected					
	and substantially decrease the direct economic losses relative to global gross domestic					
	product caused by disasters, including water-related disasters, with a focus on					
	protecting the poor and people in vulnerable situations					
Red 2/	10					
11.9	By 2020, substantially increase the number of cities and human settlements adopting					
	and implementing integrated policies and plans towards inclusion, resource efficiency,					
	mitigation and adaptation to climate change, resilience to disasters, and develop and					
	implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030,					
	holistic disaster risk management at all levels					
11.10	Support least developed countries, including through financial and technical assistance,					
	in building sustainable and resilient buildings utilizing local materials					
	2: Ensure sustainable consumption and production patterns					
Green	<u>, </u>					
12.1	Implement the 10-year framework of programmes on sustainable consumption and					
	production, all countries taking action, with developed countries taking the lead, taking					
	into account the development and capabilities of developing countries					
12.2	By 2030, achieve the sustainable management and efficient use of natural resources					
12.3	By 2030, halve per capita global food waste at the retail and consumer levels and reduce					
	food losses along production and supply chains, including post-harvest losses					
12.4	By 2020, achieve the environmentally sound management of chemicals and all wastes					
	throughout their lifecycle, in accordance with agreed international frameworks, and					
	significantly reduce their release to air, water and soil in order to minimize their adverse					
	impacts on human health and the environment					

12.5	By 2030, substantially reduce waste generation through prevention, reduction,			
10.6	recycling and reuse			
12.6	Encourage companies, especially large and transnational companies, to adopt			
	sustainable practices and to integrate sustainability information into their reporting			
	cycle			
12.7	· · · · · · · · · · · · · · · · · · ·			
	policies and priorities			
12.8	By 2030, ensure that people everywhere have the relevant information and awareness			
	for sustainable development and lifestyles in harmony with nature			
12.11	Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by			
	removing market distortions, in accordance with national circumstances, including by			
	restructuring taxation and phasing out those harmful subsidies, where they exist, to			
	reflect their environmental impacts, taking fully into account the specific needs and			
	conditions of developing countries and minimizing the possible adverse impacts on			
	their development in a manner that protects the poor and the affected communities			
Amber				
12.9	Support developing countries to strengthen their scientific and technological capacity			
Darl 4	to move towards more sustainable patterns of consumption and production			
Red 1/				
12.10	Develop and implement tools to monitor sustainable development impacts for			
Cool 1	sustainable tourism that creates jobs and promotes local culture and products			
	3: Take urgent action to combat climate change and its impacts			
Green				
13.2	Integrate climate change measures into national policies, strategies and planning			
13.3	Improve education, awareness-raising and human and institutional capacity on climate			
Amba	change mitigation, adaptation, impact reduction and early warning			
Amber	Strengthen resilience and adaptive capacity to climate-related hazards and natural			
15.1	disasters in all countries			
Red 2/				
13.4	Implement the commitment undertaken by developed-country parties to the United			
15.4	Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100			
	billion annually by 2020 from all sources to address the needs of developing countries			
	in the context of meaningful mitigation actions and transparency on implementation			
	and fully operationalize the Green Climate Fund through its capitalization as soon as			
	possible			
13.5	Promote mechanisms for raising capacity for effective climate change-related planning			
	and management in least developed countries and small island developing States,			
	including focusing on women, youth and local and marginalized communities			
Goal 1	4: Conserve and sustainably use the oceans, seas and marine resources for sustainable	ole		
	ppment			
Green	•			
14.1	By 2025, prevent and significantly reduce marine pollution of all kinds, in particular			
	from land-based activities, including marine debris and nutrient pollution			
14.2	By 2020, sustainably manage and protect marine and coastal ecosystems to avoid			
	significant adverse impacts, including by strengthening their resilience, and take action			
	for their restoration in order to achieve healthy and productive oceans			
Amber				
14.3	Minimize and address the impacts of ocean acidification, including through enhanced			
	scientific cooperation at all levels			
	•			

14.4	By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and					
	unregulated fishing and destructive fishing practices and implement science-based					
	management plans, in order to restore fish stocks in the shortest time feasible, at least					
	to levels that can produce maximum sustainable yield as determined by their biological					
	characteristics					
14.5	By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with					
	national and international law and based on the best available scientific information					
14.8	Increase scientific knowledge, develop research capacity and transfer marine					
1 7.0	technology, taking into account the Intergovernmental Oceanographic Commission					
	Criteria and Guidelines on the Transfer of Marine Technology, in order to improve					
	ocean health and to enhance the contribution of marine biodiversity to the					
	development of developing countries, in particular small island developing States and					
	least developed countries					
Dod 1/						
Red 4/						
14.6	By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity					
	and overfishing, eliminate subsidies that contribute to illegal, unreported and					
	unregulated fishing and refrain from introducing new such subsidies, recognizing that					
	appropriate and effective special and differential treatment for developing and least					
	developed countries should be an integral part of the World Trade Organization					
	fisheries subsidies negotiation					
14.7	By 2030, increase the economic benefits to Small Island developing States and least					
	developed countries from the sustainable use of marine resources, including through					
	sustainable management of fisheries, aquaculture and tourism					
	Provide access for small-scale artisanal fishers to marine resources and markets					
14.9	Provide access for small-scale artisanal fishers to marine resources and markets					
14.9 14.10						
	Enhance the conservation and sustainable use of oceans and their resources by					
	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal					
	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as					
14.10	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want	bly				
14.10	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want 5: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainable	_				
14.10 Goal 1 manag	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want 5: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainale forests, combat desertification, and halt and reverse land degradation and h	_				
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Amber	2/12			
15.6	Promote fair and equitable sharing of the benefits arising from the utilization of genetic			
_5.5	resources and promote appropriate access to such resources, as internationally agreed			
15.8	By 2020, introduce measures to prevent the introduction and significantly reduce the			
	impact of invasive alien species on land and water ecosystems and control or eradicate			
	the priority species			
Red 4/				
15.3	By 2030, combat desertification, restore degraded land and soil, including land affected			
	by desertification, drought and floods, and strive to achieve a land degradation-neutral			
	world			
15.4	By 2030, ensure the conservation of mountain ecosystems, including their biodiversity,			
	in order to enhance their capacity to provide benefits that are essential for sustaina			
	development			
15.7	Take urgent action to end poaching and trafficking of protected species of flora and			
	fauna and address both demand and supply of illegal wildlife products			
15.12	Enhance global support for efforts to combat poaching and trafficking of protected			
	species, including by increasing the capacity of local communities to pursue sustainable			
	livelihood opportunities			
	6: Promote peaceful and inclusive societies for sustainable development, provide access	to		
	for all and build effective, accountable and inclusive institutions at all levels			
Green	'			
16.1	Significantly reduce all forms of violence and related death rates everywhere			
16.2	End abuse, exploitation, trafficking and all forms of violence against and torture of			
	children			
16.3	Promote the rule of law at the national and international levels and ensure equal access			
	to justice for all			
16.4	By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery			
16.6	and return of stolen assets and combat all forms of organized crime			
16.6	Develop effective, accountable and transparent institutions at all levels			
16.7	Ensure responsive, inclusive, participatory and representative decision-making at all			
16 11	levels			
16.11	Strengthen relevant national institutions, including through international cooperation,			
	for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime			
16.12	Promote and enforce non-discriminatory laws and policies for sustainable development			
Amber				
16.5	Substantially reduce corruption and bribery in all their forms			
16.10	Ensure public access to information and protect fundamental freedoms, in accordance			
10.10	with national legislation and international agreements			
Red 2/				
16.8	Broaden and strengthen the participation of developing countries in the institutions of			
10.0	global governance			
16.9	By 2030, provide legal identity for all, including birth registration			
	7: Strengthen the means of implementation and revitalise the global partnership f	or		
	nable development			
Green				
17.6	Enhance North-South, South-South and triangular regional and international			
	cooperation on and access to science, technology and innovation and enhance			
	knowledge sharing on mutually agreed terms, including through improved coordination			
	among existing mechanisms, in particular at the United Nations level, and through a			

<i>17.13</i> Enh	
	bal technology facilitation mechanism
	nance global macroeconomic stability, including through policy coordination and
•	icy coherence
	pect each country's policy space and leadership to establish and implement policies
	poverty eradication and sustainable development
	nance the global partnership for sustainable development, complemented by multi-
	keholder partnerships that mobilize and share knowledge, expertise, technology and
	ancial resources, to support the achievement of the sustainable development goals
	Il countries, in particular developing countries
	ourage and promote effective public, public-private and civil society partnerships,
	lding on the experience and resourcing strategies of partnerships
	2030, build on existing initiatives to develop measurements of progress on
	tainable development that complement gross domestic product, and support
	tistical capacity-building in developing countries
Amber 4/19	
	bilize additional financial resources for developing countries from multiple sources
	mote the development, transfer, dissemination and diffusion of environmentally
	and technologies to developing countries on favourable terms, including on
	ncessional and preferential terms, as mutually agreed
	nance policy coherence for sustainable development
,	2020, enhance capacity-building support to developing countries, including for least
	reloped countries and small island developing States, to increase significantly the
	ilability of high-quality, timely and reliable data disaggregated by income, gender,
_	race, ethnicity, migratory status, disability, geographic location and other racteristics relevant in national contexts
Red 9/19	racteristics relevant in national contexts
	angthan domestic resource mobilization, including through international support to
	engthen domestic resource mobilization, including through international support to
dev	reloping countries, to improve domestic capacity for tax and other revenue
dev coll	reloping countries, to improve domestic capacity for tax and other revenue ection
dev coll	reloping countries, to improve domestic capacity for tax and other revenue ection reloped countries to implement fully their official development assistance
dev coll 17.2 Dev con	reloping countries, to improve domestic capacity for tax and other revenue ection reloped countries to implement fully their official development assistance nmitments, including the commitment by many developed countries to achieve the
dev coll 17.2 Dev con tarş	reloping countries, to improve domestic capacity for tax and other revenue lection reloped countries to implement fully their official development assistance nmitments, including the commitment by many developed countries to achieve the get of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of
dev coll 17.2 Dev con targ	reloping countries, to improve domestic capacity for tax and other revenue ection reloped countries to implement fully their official development assistance nmitments, including the commitment by many developed countries to achieve the get of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of A/GNI to least developed countries ODA providers are encouraged to consider
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17.2 Dev con targ OD sett cou 17.4 Ass cou 17.5 Add 17.8 Full	reloping countries, to improve domestic capacity for tax and other revenue ection reloped countries to implement fully their official development assistance mitments, including the commitment by many developed countries to achieve the get of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of A/GNI to least developed countries ODA providers are encouraged to consider ting a target to provide at least 0.20 per cent of ODA/GNI to least developed intries ist developing countries in attaining long-term debt sustainability through ordinated policies aimed at fostering debt financing, debt relief and debt tructuring, as appropriate, and address the external debt of highly indebted poor intries to reduce debt distress opt and implement investment promotion regimes for least developed countries by operationalize the technology bank and science, technology and innovation
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17.11	Significantly increase the exports of developing countries, in particular with a view to		
	doubling the least developed countries' share of global exports by 2020		
17.12	Realize timely implementation of duty-free and quota-free market access on a lasting		
	basis for all least developed countries, consistent with World Trade Organization		
	decisions, including by ensuring that preferential rules of origin applicable to imports		
	from least developed countries are transparent and simple, and contribute to		
	facilitating market access		

Appendix 3: Action Group Directory

Table 5: List of Action Group found within Bristol

Sustainable					
	evelopment		Action Groups		
	Goal				
1	No poverty	Child Poverty Action Group (Bristol) Local welfare assistance scheme, run by Bristol City Council	The Matthew Tree Project Registered charity, giving support and advice (healthy food and nutrition) to the homeless	Baby Bank Network Pre-loved baby essentials for those in need	
		Christians Against Poverty Debt counselling charity in partnership with St. Edith's Church	Bristol Refugee Rights Centre where asylum seekers and new refugees can meet in Bristol and be supported	Shelter Expert housing and homelessness advice for people living in Bristol	
		St Mungo's Helping the homeless in Bristol with housing, health, and skills	Julian Trust Night shelter, helping the homeless in Bristol	Crisis Centre Ministries Christian organised centre, helping the homeless and addicted	
2	Zero hunger	Bristol Food Policy Council Partnership of community, public and private organisations, helping to give food donations. In partnership with Sustainable Food Cities	Bristol Soup Run Trust Operates soup runs to the homeless every night	Bristol Food Producers Network of growers and producers, helping to supply Bristol with locally grown food	
3	Good health and wellbeing	Bristol Community Health (NHS) Provider of NHS community health services to people in Bristol	Bristol City Council Air Quality Data Free, available air quality data, supplied by Bristol City Council	Bluebell Support group for those suffering from post-natal depression	
		Developing Health and Independence Charity supporting people facing drug and alcohol problems	Changes Support for those with mental illnesses	Bristol Mind Support for those with mental illnesses	
		Southmead Project Charity that supports adults who were abused as children, who now suffer from drug and alcohol abuse			

4	Quality education	Bristol Scholars Pioneer scheme to		
		encourage students from poorer backgrounds to attend the University of Bristol		
5	Gender equality	Bristol Women's Voice Group that identifies key issues for women, and increase gender equality The Fawcett Society Membership charity for women's rights	Survive Charity helping singles mothers experiencing domestic violence TIGER Bristol Gender equality education	Bristol Feminist Network A community group of people interested in discussing feminist ideas Refugee Women of Bristol Charity for refugee women entering Bristol
		One25 Helping women trapped or vulnerable to the sex trade	Bristol Zero Tolerance An initiative aiming to make Bristol a gender- based violence-free city	Catalyse Change Social enterprise, aiming to get young women to develop sustainability skills and knowledge
6	Clean water and sanitation	The People's Republic of Stoke's Croft Organisation improving streetscapes		
7	Affordable and clean energy	Bristol Energy Business helping 1,000 homes tackle fuel poverty	Bristol Community Energy Bristol City Council scheme to create community energy	Warm Up Bristol Bristol City Council scheme to create affordable energy, and improve energy-efficient housing
8	Decent work and economic growth	Tomorrow's People Charity that supports and empowers young people to build skills to succeed in work. The Prince's Trust (South West) A charity helping	WORKS Part of the Bristol Learning City Partnership, creating collaborations between employers and local communities	Young Bristol Youth driven charity that works with young people to explore new opportunities and experiences
		young people get into jobs		
9	Industry, innovation, and infrastructure	Sustain Live Consulting company (limited) that helps businesses and social enterprises be more	Business Improvement Districts (BID) Council-led projects aiming to improve centres of commerce in	

		sustainable	Bristol. There are separate BID's for Broadmead, Cater Business Park, Clifton, Bedminster, and Gloucester Road	
10	Reduced inequalities	The Equality Trust Bristol An organisation aiming to reduce economic inequalities: local Bristol branch	Voice by Volume Business that designs and promotes events for social good	
11	Sustainable cities and communities	Bristol Green Capital Partnership Organisation aiming to make Bristol a more sustainable city	Neighbourly Seeks to bring together possible ways to volunteer to combat the issues surrounded by the goals	My Neighbourhood Bristol City Council led organisations, with the aim of bringing people together
12	Responsible consumption and production	Bristol Food Network Connects groups who want to make Bristol into a sustainable food city		
13	Climate action	Rising Tide Network of people dedicated to taking local action against climate change		
14	Life below water	Severn Estuary Levels Research Committee Organisation promoting archaeological research into the Severn Estuary and Severn Estuary Levels Bristol Avon River's Trust Community led	Association of Severn Estuary Relevant Authorities Group of authorities, aiming to protect the Severn Estuary European Marine Site	City to Sea Non-profit organisation, aiming to prevent plastic pollution travelling into rivers and sea
		organisation, aiming to provide education, advise and practical restoration work		
15	Life on land	Bristol University Conservation Group Student conservation volunteering society	The Conservation Group Voluntary group organising conservation events	Secret World Wildlife Rescue Rescue rehabilitation and release of animals
		Somerset Wildlife Trust Organisation aiming to	Bristol Conservation Volunteers Programme A community	Avon Wildlife Trust Charity for the protection of wildlife in

		protect the wildlife	volunteering charity	the West of England area
		(plus estuary) in		
		Somerset		
		Bristol Ornithological	Forest of Avon Trust	
		Club	Charity for	
		Membership club for	conservation projects	
		the scientific study of	in Bristol and Avon	
		ornithology		
16	Peace, justice,	B.friend	Mentor Me	Bristol Together
	and strong	Network of people	Group mentoring	Group creating full-time
	institutions	befriending asylum	prison releases	jobs for people who
		seekers and refugees		have been in prison
		Volunteer Bristol		
		Volunteering		
		Development Agency		
17	Partnerships	Cabot Institute	Schumacher Institute	
	for the goals	University of Bristol	An independent	
		led research initiative,	research group for	
		concerning world-	environmental, social,	
		wide challenges	and economic issues	