

FUTURE PROOFED CITY
BELFAST
RESILIENCE
STRATEGY

Commissioner for Resilience

RESILIENT BELFAST





The Belfast Agenda

Your future city

Belfast's Community Plan



our businesses and citizens.

Create a resilient city

As part of the 100 Resilient Cities programme, founded by the Rockefeller Foundation, we will appoint a Belfast Commissioner for Resilience who will work with partners to develop a strategy to take a targeted approach to addressing those issues which pose the greatest risk to the city and its economy.

METHODOLOGY

Mapped our city's vulnerability and risk against potential actions.



Engaged with partners citywide in Belfast to gather evidence and formulate possible solutions.



Commissioned a city risk and asset audit by ARUP to quantify and identify shocks and stresses.



Assessed and analysed multiple data sources to inform decisions, test assumptions and steer our initial conclusions. This also involved commissioning our own studies.



Informed our thinking by requesting from ARUP a Climate Change Risk Assessment and a study on developing our strategy for child friendly neighbourhoods.



Engaged across our city for over three months on our strategic areas of focus to engage and attract feedback.



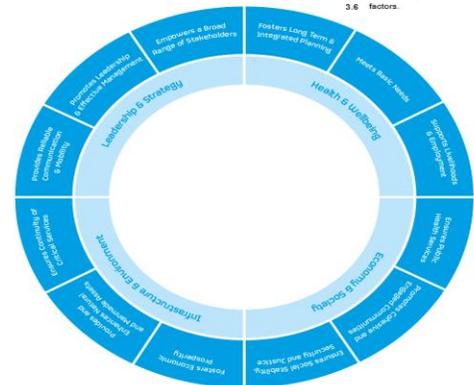
Working in partnership with Urban Scale interventions we engaged with more than 1,000 people across the city. This included public area based events, focused workshops, on street engagement through the tea kiosks in the city centre and online thematic workshops with youth and older people. The online public consultation also created 62 responses and we received 12 written submissions.

STEP 1

City Resilience Framework identified areas of city resilience



LEGEND
 ■ Need to do better
 ■ Doing well, but can improve
 ■ Area of strength
 Each segment represents 3.6 factors.



*Enlarged version available on pg86

STEP 2

Citywide engagement

18 workshops involving 547 people

35 focus groups involving 480 people

140 people interviewed on a one-to-one basis

STEP 3

Review of city assets and risks

City assets Perceptions

City risks Strengths

STEP 4

Data analysis

Spaces to play for children

Economic Vulnerabilities, cyber, exclusion, inequalities, automation of industry, business start-ups

Population change

Poverty Children and young people

Connectivity Economic corridor, digital, physical

Transport Cheaper, cleaner, integrated, greener

Housing

Climate change Extreme weather and air quality

Segregation Housing, education system, division

Civic pride One city, city story

Cyber threat

Health Dependence on prescription drugs, mental health, nutrition, obesity

Risk of returning to violence

Prevalence of cars

Infrastructure Investment and capacity

City centre Retail, housing, dereliction

UK Exit Impact on Belfast

Financing the city City revenue

Politics Leadership, decision making structures

Fossil fuel dependency

STEP 7

Citywide consultation on a draft strategy

Direct engagement with 1,223 people through our consultation partnership with Urban Scale Interventions and receipt of more than 80 written responses.



STEP 6

Identified multiple problem solvers

These shocks and stresses make the city more vulnerable and could weaken our capacity to resist and recover from future challenges.

Climate adaptation and mitigation

Participation of children and young people

Connected, net zero-emissions economy

STEP 5

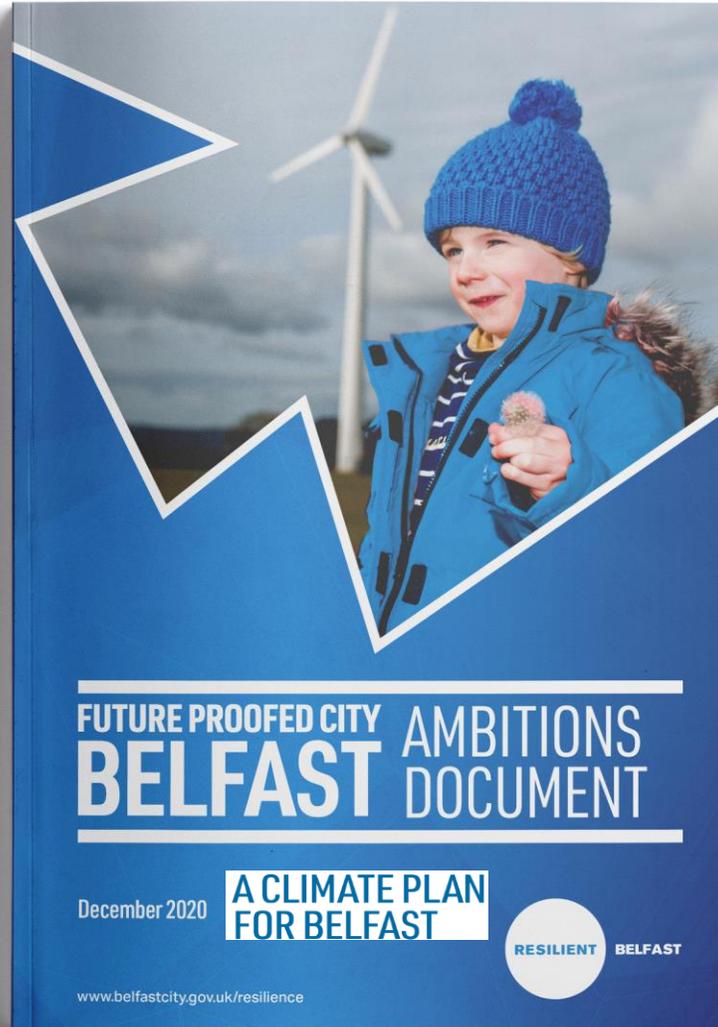
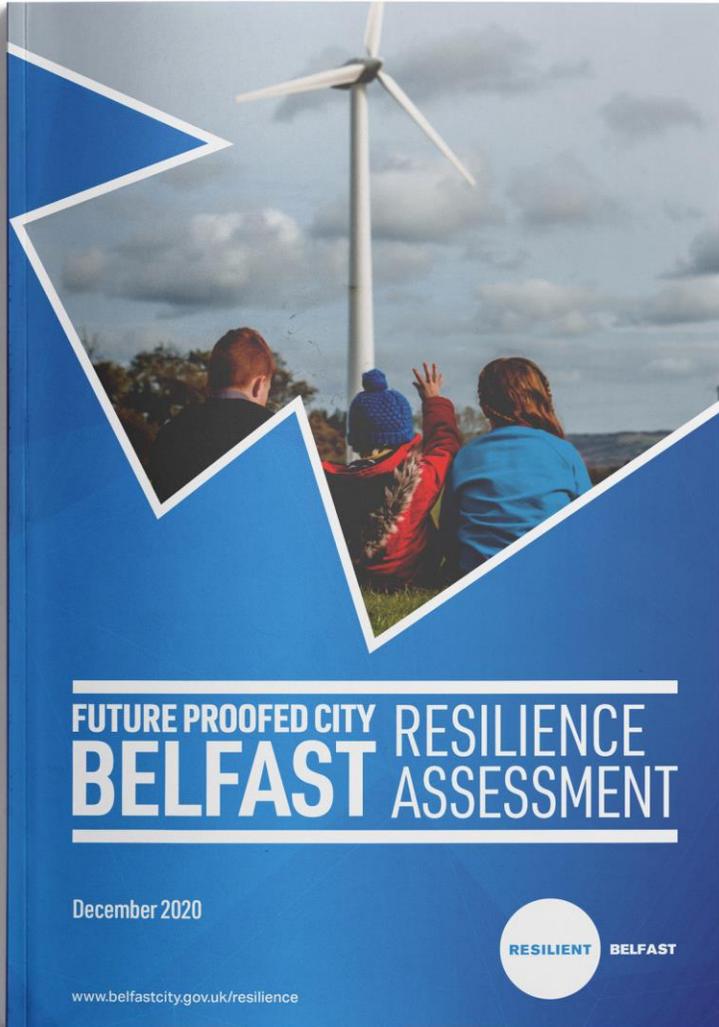
Agreed our resilience goal

Transition Belfast to an inclusive, net zero-emissions, climate resilient economy in a generation.



STRATEGY AS THREE DOCUMENTS

FUTURE PROOFED CITY
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SHOCKS AND STRESSES

SHOCKS



Infrastructure capacity



Public health



Cyber resilience



Condition of existing housing stock



Flooding and extreme weather events



UK Exit

STRESSES



Economic recovery capacity



Climate change



Mental ill-health



Poverty and inequality



Housing supply in the city



Use of prescription drugs



Population change



Segregation and division



Governance and financing of risk



Carbon intensive systems

OUR GOAL

Our goal is to transition Belfast to an inclusive, net zero-emissions, climate resilient economy in a generation.



RESILIENT BELFAST: 2020



We have identified three 'multiple problem solvers' - where we tackle several shocks or stresses at once.

A strategic focus on each of these areas will build the city's resilience, over time. They are:



**CLIMATE
ADAPTATION
AND MITIGATION**



**PARTICIPATION
OF CHILDREN
AND YOUNG PEOPLE**



**CONNECTED, NET
ZERO-EMISSIONS
ECONOMY**





CLIMATE ADAPTATION AND MITIGATION

1. New city-wide structures to collaborate on climate action

2. Delivery of Recommendations in Belfast's Mini Stern: A Net Zero Carbon Roadmap for Belfast

3. Climate change risk assessment

4. Belfast City Council Climate Adaptation and Mitigation Plan

5. Belfast Harbour - Green Port

6. Queen's University Environmental Solutions Centre

7. Sustainable District

8. Belfast Region City Deal

9. One Million Trees

10. Local Development Plan: a Critical Lever for Resilience

11. Sustainability and Food



PARTICIPATION OF CHILDREN AND YOUNG PEOPLE

12. A Permanent Platform for Involving Children and Young People on Climate Change

13. Quality of urban childhood

14. Ulster University Architects for Change Programme

15. A Playful City

16. City centre public realm play Spaces

17. Ulster University MSc in Planning and City Resilience

18. Public transport



CONNECTED, NET ZERO-EMISSIONS ECONOMY

20. Sustainable drainage

21. A Zero Emissions city bus fleet
by 2030

22. Delivering Belfast's Net Zero
Carbon Roadmap: Buildings

23. A Bolder Vision for Belfast

24. Electric vehicle infrastructure

25. Investment in existing NIHE
stock

26. Developing a Hydrogen
Eco System

27. Sustainable Tourism

28. Training and skills for an
inclusive low-carbon economy

29. Innovation and Inclusive
Growth Commission

30. Fuel Poverty

FUTURE PROOFED CITY

Our governance structure



Belfast Agenda

A sustainable city shared and loved by all its citizens



Resilience Strategy

After public consultation and assessment, our ambitions goal is for: **Belfast to transition to an inclusive, net zero-emissions, climate resilient economy in a generation**



Delivered by

Resilience and Sustainability Board

PCAN BELFAST CLIMATE COMMISSION

Advised by

Produce

City wide climate adaptation and mitigation plan



Our own climate adaptation and mitigation plan by 2021



Supported by

All-party climate working group



Supported by

Climate Plan Programme Board (BCC Officers)

Approval process

SP&R

Council



City wide



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