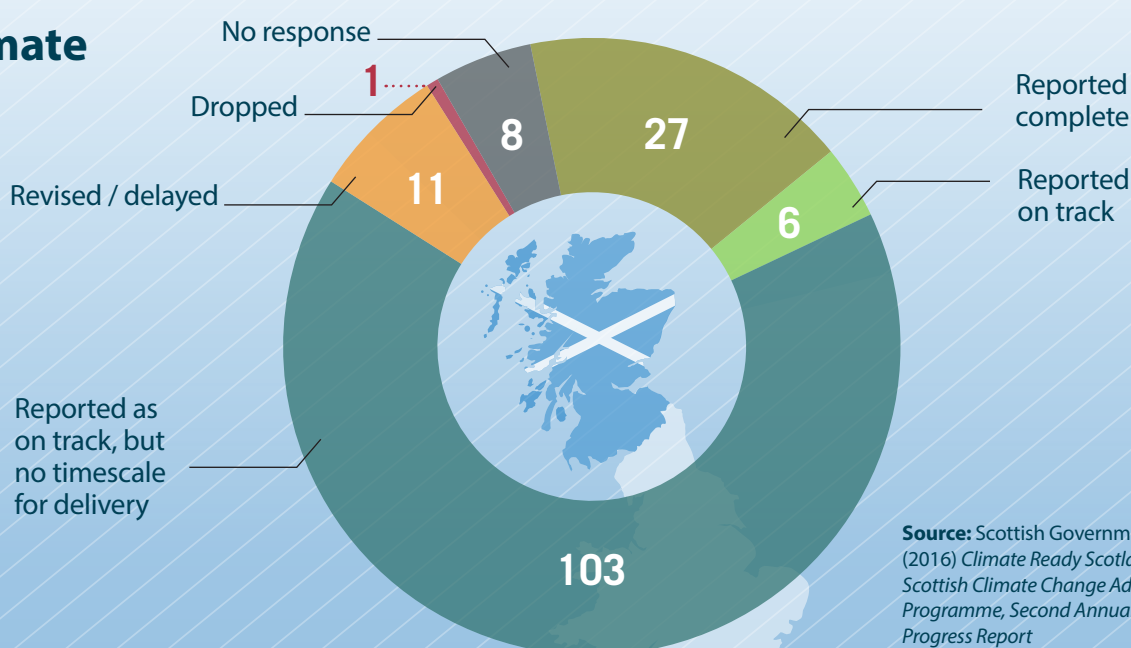


How well is Scotland preparing for the impacts of climate change?

Scotland is taking action to prepare for climate change, but impacts remain likely.

Scotland's climate change plans

Almost all policies and proposals in the Scottish Climate Change Adaptation Programme are complete or on track. However, of the **109** 'on track' actions, **103** do not have fixed timescales for delivery



Source: Scottish Government (2016) *Climate Ready Scotland: Scottish Climate Change Adaptation Programme, Second Annual Progress Report*

✓ **Positive action is already underway...**

⚠ **but Scotland remains vulnerable to the impacts of climate change**

Natural environment

✓ Protected nature sites:

76% of natural features in a favourable condition

80% of natural features in a favourable condition

2007

2016

⚠ Around **50%** of Scotland's rivers are not in a good ecological status (2013 figures, no change from 2008)

✓ **30 new** Marine Protected Areas designated in 2014

⚠ The number of Scots pine sites within 1km of a Dothistroma Needle Blight (DNB) outbreak has increased

DNB fungus causes the needles to look red and then fall off, reducing timber yields and in some cases killing the tree

9%

2007

DNB outbreak

1km

2013

61%

Health and wellbeing

✓ The NHS Scotland estate has completed an assessment of the risks it faces from climate change

⚠ However, social care facilities, including for the elderly, have not been assessed

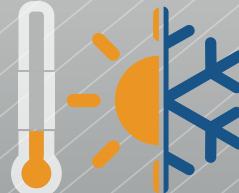
Business



Extreme or unusual weather abroad affects the price and availability of imports

⚠ **1 in 3** Scottish businesses say they are vulnerable to extreme weather impacts abroad

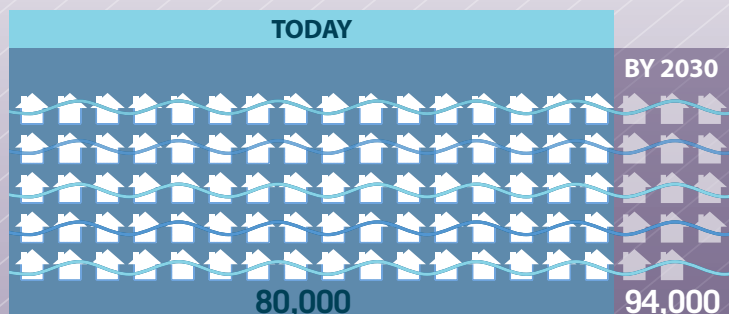
1 in 3 businesses see warmer summers as an opportunity



1 in 4 businesses see milder winters as an opportunity

Buildings

Climate change is expected to increase the chance of flooding



Number of homes with 1-in-200 annual chance of being flooded

🏠 = 1000 homes

✓ **By 2021** the Scottish Government aims to protect an additional **10,000** properties but many more will remain at risk

Infrastructure

10% of local roads are in urgent need of repair

Local roads in poor condition are more vulnerable to closure as a result of extreme weather

⚠ Between 2006-14, £9.8 million in flooding-related compensation was paid to Scottish train operators by Network Rail

£9.8 million