

Our Operating Environment

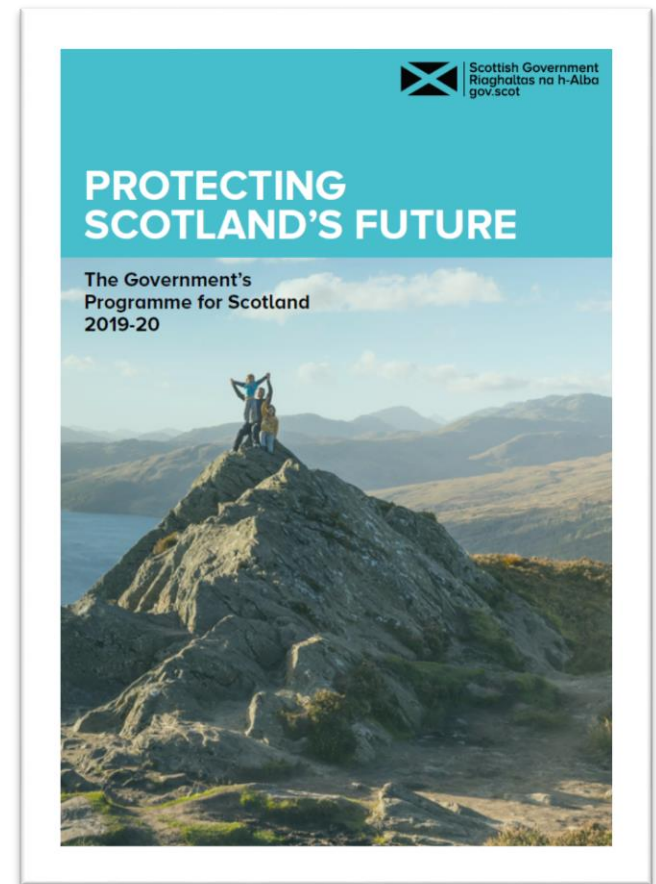
PROGRAMME FOR GOVERNMENT

SPENDING REVIEW

CLIMATE & NATURE EMERGENCIES RESPONSE

Programme for Government 2019-20

- Ending Scotland's contribution to climate change
- A successful, fair and green economy
- Improving outcomes through our public services
- Communities where everyone is valued, protected and respected



Response to Climate Emergency

- Sets out next steps on Scotland's journey to net zero emissions
- First package of additional measures in response to the climate emergency, but not the final word
- Transitioning to net zero in a way that creates economic opportunity
- Transition to net zero while protecting the environment

PfG Environment Commitments

- Land Use
 - Create Regional Land Use Plans to support creation of Regional Land Use Partnerships to identify where resource use can have the greatest climate impact
 - Continued investment in peatland restoration
- Natural Environment and Biodiversity
 - Scottish Environment Strategy Vision and Outcomes
 - Biodiversity Challenge Fund £2M
 - 2020 International Biodiversity Conference

Public Body Climate Duties

- Review Public Procurement
- Public Sector Fleet - Phase out new petrol and diesel vehicles by 2025 and all by 2030
- Require public sector bodies to report annually on their emissions reductions
- Public Body Net Zero and Zero Emissions Target Dates

Other Government Portfolios

- **Planning**
 - National Planning Framework 4
- **Tourism**
 - Rural Tourism Infrastructure Fund £3M
 - 2023 World Cycling Championships
- **Transport**
 - West Highland Line Services review
 - Mobility As A Service Fund £2M

Approach to Spending Review

- Spending proposals to be focused on outcomes and to evidence as far as possible the impact of spend on:
 - Wellbeing
 - Sustainable and inclusive economic growth
 - Child poverty
 - Climate change.
- Seeking greater collaboration across portfolios and public bodies to improve outcomes, and better evidencing of external factors that drive spending

Approach to Spending Review

What has happened so far?

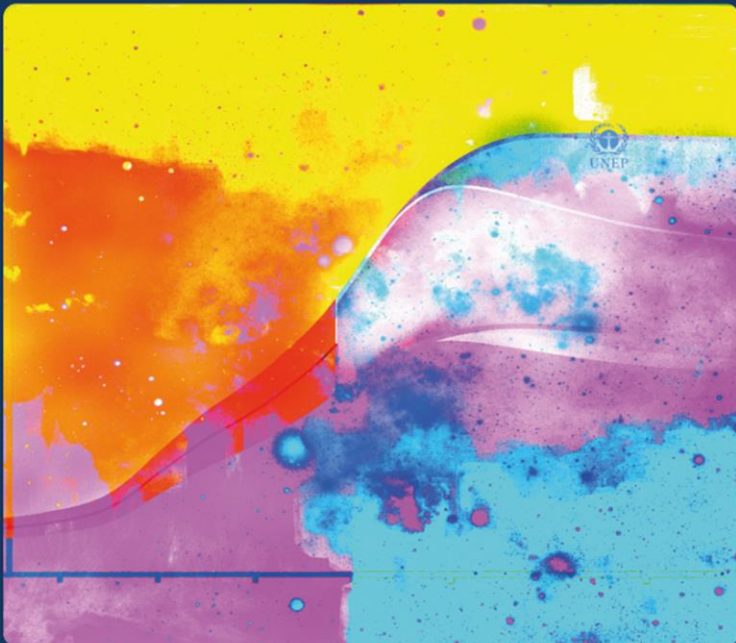
- Submission on proposed resource spending over 4 years (based on 3% uplift assumption) (Aug)
- Particular focus on proposals which contribute to multiple outcomes and 4 cross cutting themes
- Request for Capital Requirements (Oct)

What will happen next?

- Cabinet discussion and bilaterals between Cabinet Secretaries
- Possible further submissions
- UK Budget November
- Draft Scottish 1 Year budget December

Global Warming of 1.5°C

An IPCC special report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.



Science and Policy
for People and Nature

Global assessment on biodiversity and ecosystem services

UN
environment



Food and Agriculture
Organization of the
United Nations



The Emergencies that we face

- CLIMATE – >1.5 degrees?
- Wetter, Warmer & Windier – Social & Economic Impacts
- Health, Business, Transport
- Soils & Agriculture Changes – Food Supply
- Loss of Heritage
- Change & Loss of Species – new Pests & Diseases
- NATURE – 50% loss?
- Mass Extinction of Species
- Loss of Genetic Diversity
- Destabilisation of Ecosystems – e.g. pollinators, trees
- Less ‘Soldiers on our side’
- Reduced Benefits from Nature









Benefits from Nature

- Clean Air & Water
- Soils & Food
- Timber, Coal, Oil, Gas
- Creativity & Recreation
- *Carbon Sequestration...*
- The majority of our Economy is a product of the Environment – not the other way round!

Natural Capital explained

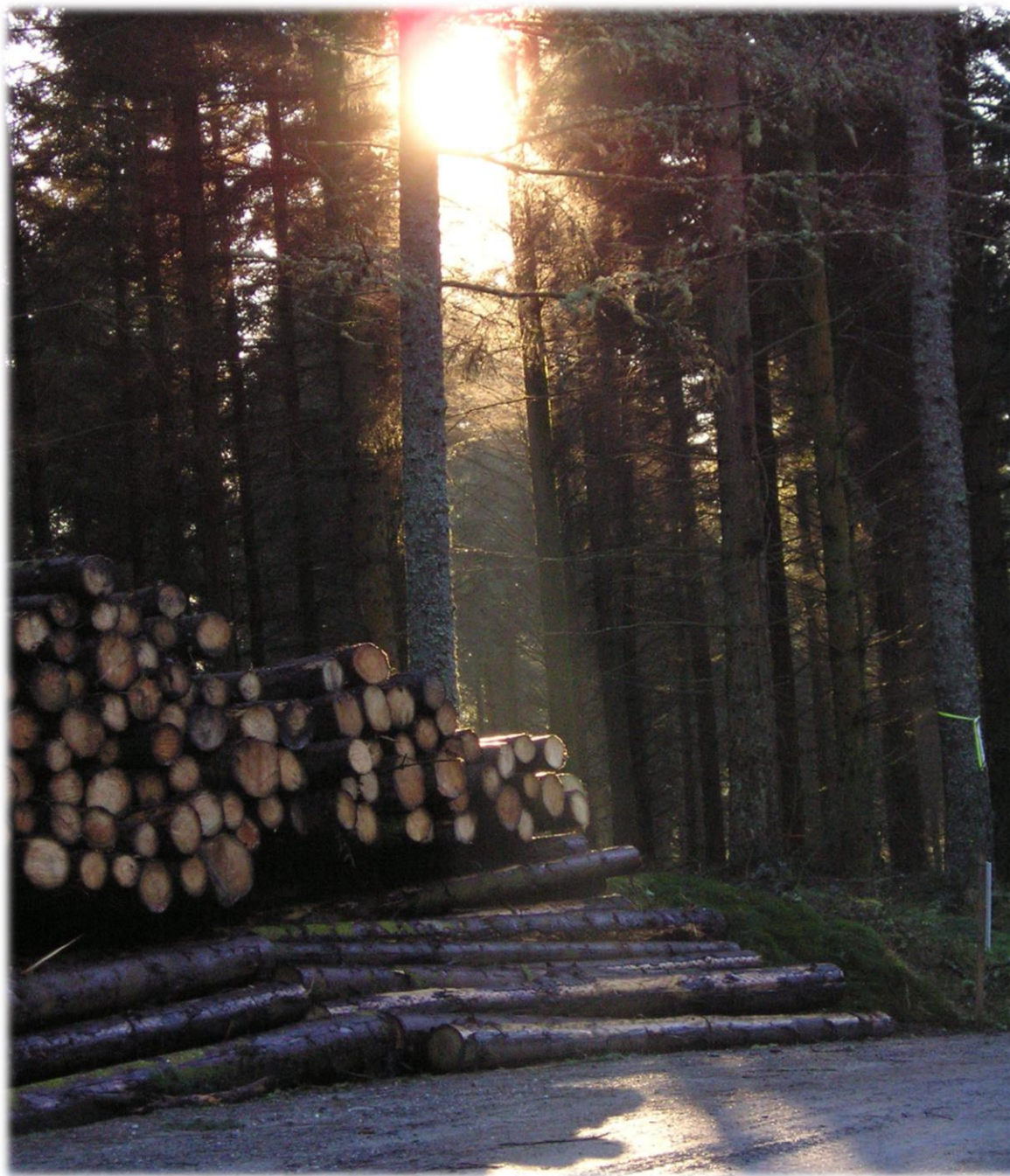
- Physical Capital – buildings, machinery, vehicles
- Human Capital – Ideas, Skills, Work
- Financial Capital – Money

- **Natural Capital** – Renewable & Non-Renewable stuff from the natural environment...



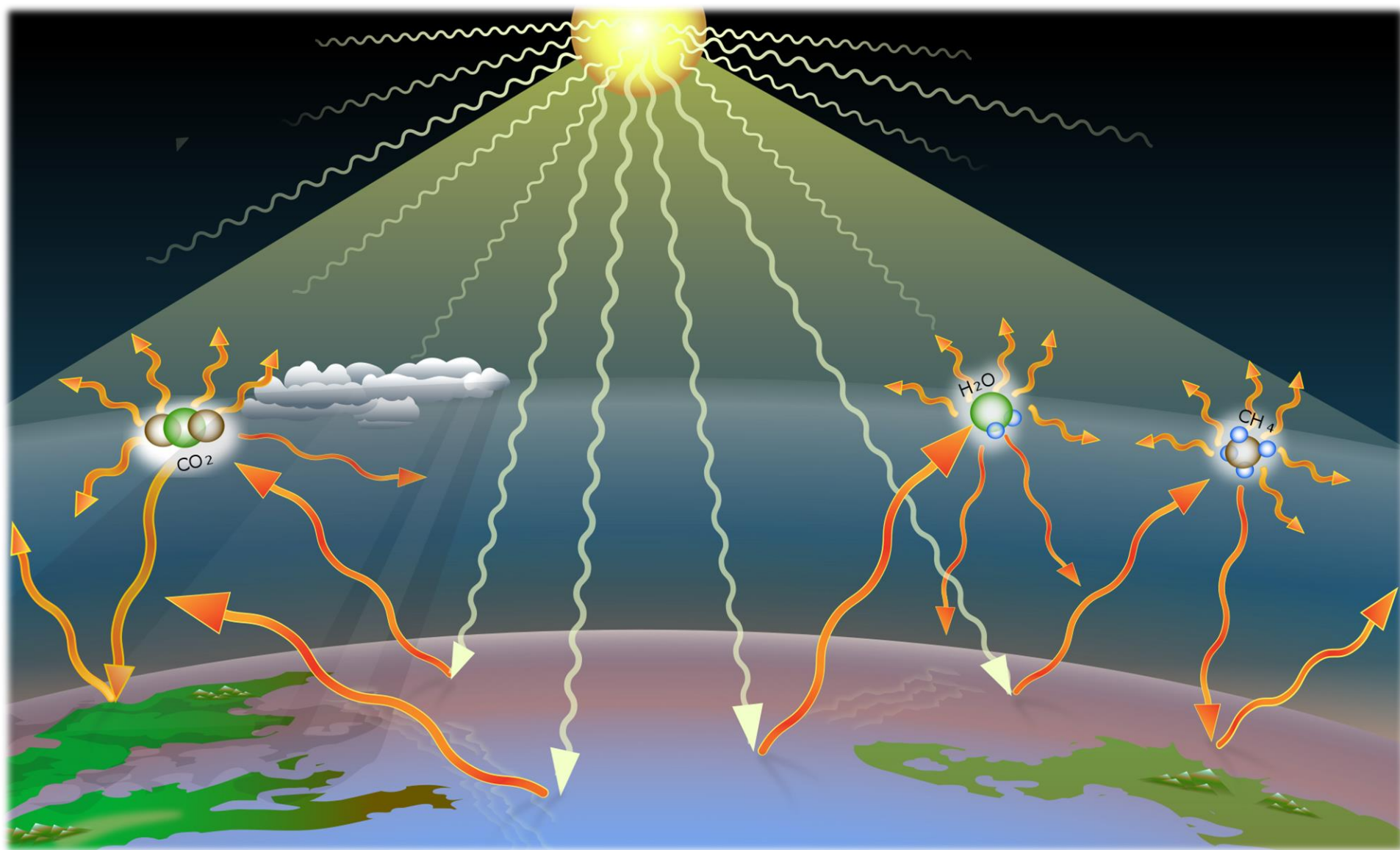












Scotland's Renewable Carbon Stores

- Trees & Vegetation – 50m tonnes
- Soils (inc. peatlands) – 3,000m tonnes
- Seas – 1,700m tonnes







Take away messages

- **Healthy Ecosystems – keep locking in Carbon - forever!**
- **Healthy & Abundant Nature = Healthy Climate**

So how do we re-build Nature?

- **Natural Environment** – tackle the threats to healthy ecosystems
- **Built Environment** – Greener (and Bluer!) towns, cities & villages.
Building design & Planning
- **Travel** – Sustainable & Active Transport
- **Education & Health** – connecting People with Nature
- **Economy** – recognise and invest in Nature's true value
- **Individual** – our personal choices and habits

Wild
PARK



-
- Expand forests & woodlands
 - Restore peatlands
 - Clean freshwater waterbodies and seas

OUR

CONSERVATION &
LAND MANAGEMENT
OUTCOMES



NATURAL CAPITAL

The Park's natural resources are enhanced for future generations: important habitats are protected, restored and better connected on a landscape scale.



CLIMATE CHANGE

The natural environment of the Park is better managed to help mitigate and address the impacts of climate change.



LAND PARTNERSHIPS

New landscape scale partnerships deliver better integrated management of the land and water environment providing multiple benefits for nature and people.

HOW ARE WE GOING TO GET THERE?

BY TACKLING OUR



POOR CONDITION OF
LOCHS & RIVERS



UNSUSTAINABLE
GRAZING IMPACTS



INVASIVE, NON-
NATIVE SPECIES



CLIMATE CHANGE
PRESSURES

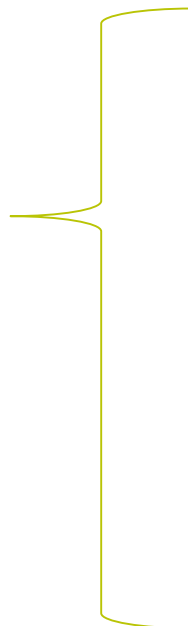
ENVIRONMENTAL THREATS



Net Zero Transition – what would it look like for us?

Net Zero Route Map:

- Target setting
- Implementation
- Analysis
- Innovation
- Influencing



- Carbon offsetting
- Investment – buildings, infrastructure, vehicles, skills
- Waste reduction
- Work patterns, processes & places
- Governance