Climate Intelligence Service: Aberdeenshire Council's Sustainability Committee

Clare Wharmby, Edinburgh Climate Change Institute

Judi Kilgallon, Improvement Service

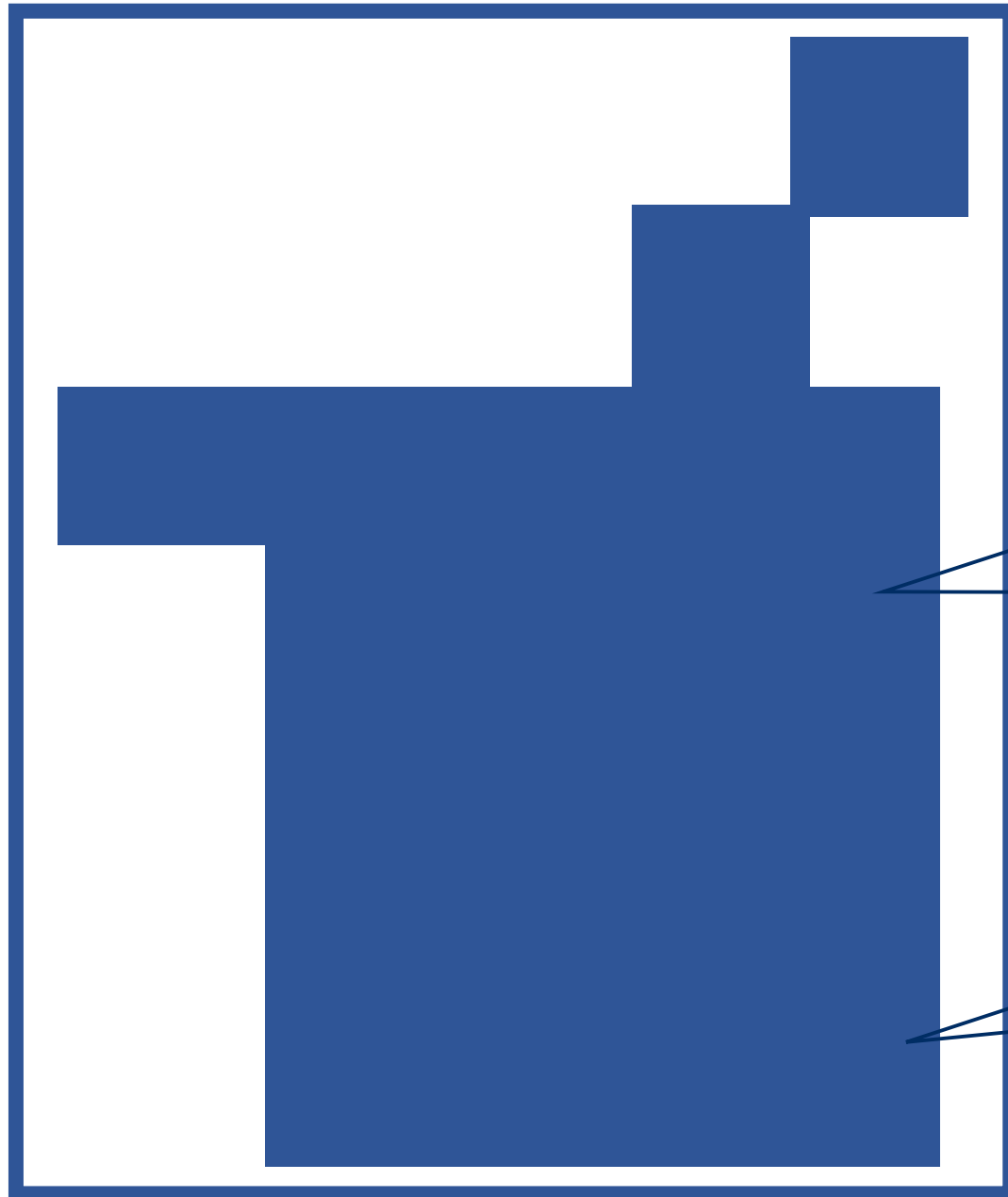George Tarvit, Sustainable Scotland Network

Funding, Governance & Delivery

❑ Jointly funded by local government and Scottish Government

❑ Multi year

❑ Co-design with local government and stakeholders

❑ Delivery partnership between ECCI and IS
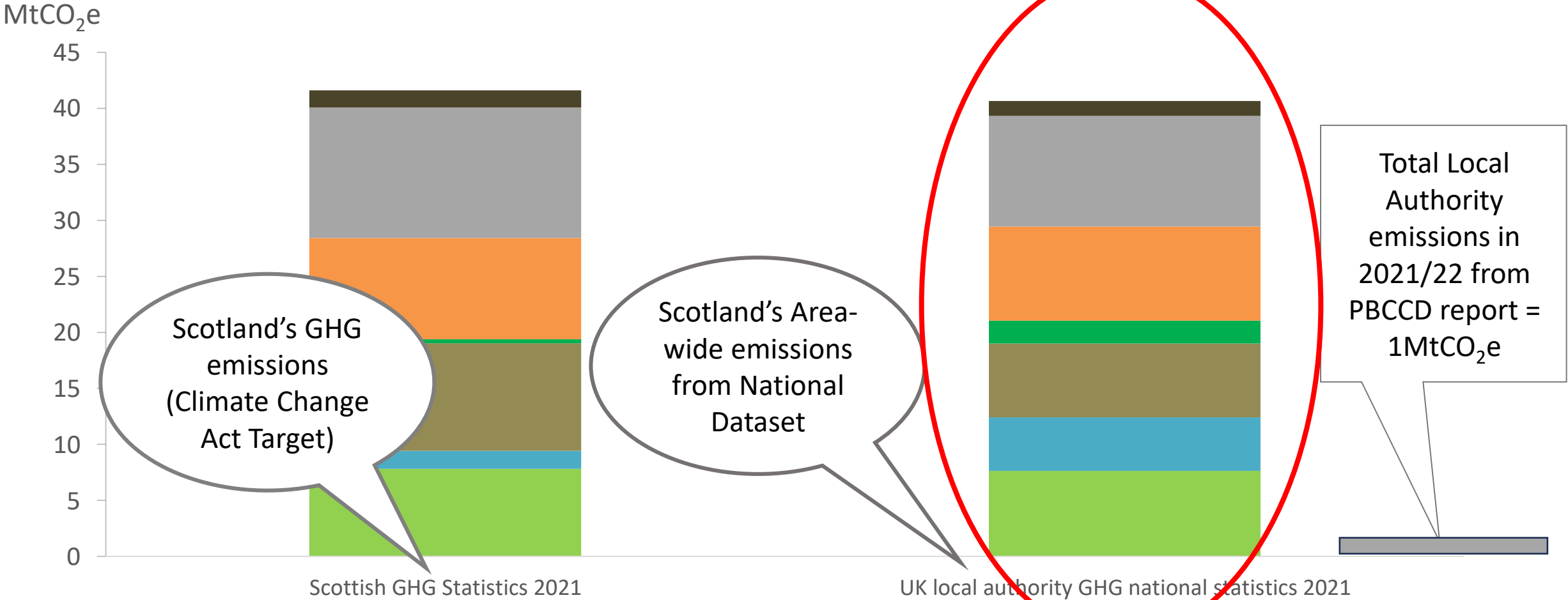
Which problem are we trying to solve?
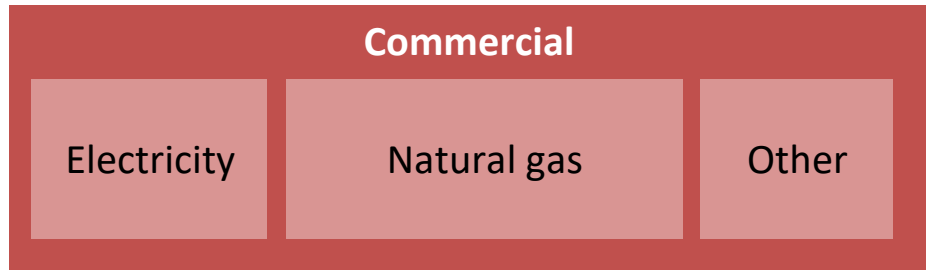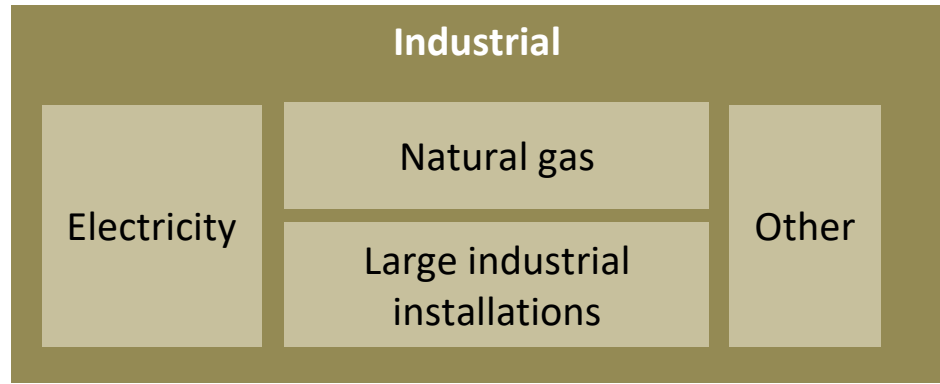
Scotland's GHG inventory for 2021 41.6 $MtCO_2e$

Each of Scotland's Councils report their organisational emissions 1 $MtCO_2e$ in 2021/22

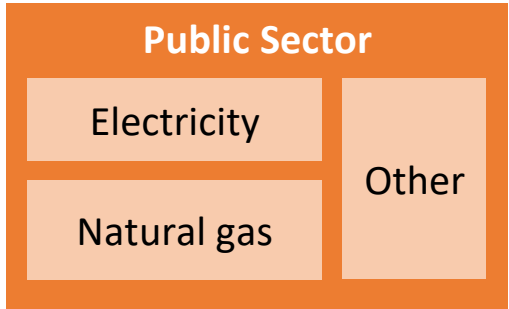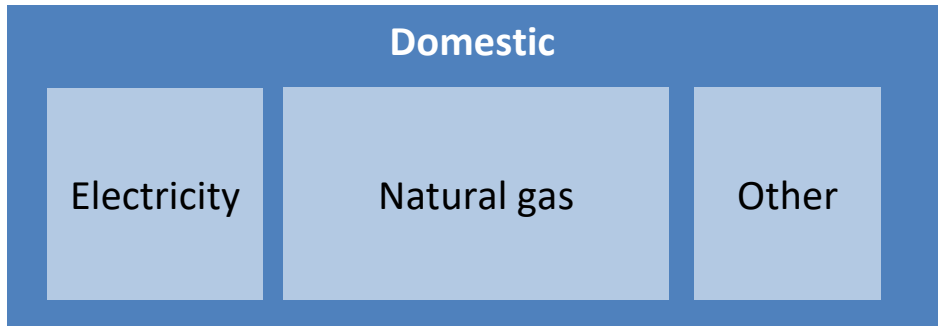Area-wide territorial footprints (from DESNZ) are 40.6 $MtCO_2e$

The size of the problem

Industrial
- Electricity
- Natural gas
- Large industrial installations
- Other

Commercial
- Electricity
- Natural gas
- Other

Domestic
- Electricity
- Natural gas
- Other

Public Sector
- Electricity
- Natural gas
- Other

Waste Management
- Landfill
- Other

Transport

Road
- Motorways
- A roads
- Minor roads
- Diesel railways
- Other

LULUCF net emissions
- Forest land
- Crop land
- Grass land
- Wetlands
- Settlements
- Harvested wood products
- Indirect N_2O

Agriculture
- Electricity
- Natural gas
- Other
- Livestock
- Soils

Supply chain emissions from goods and services that occur outwith Scotland

Aviation and international shipping
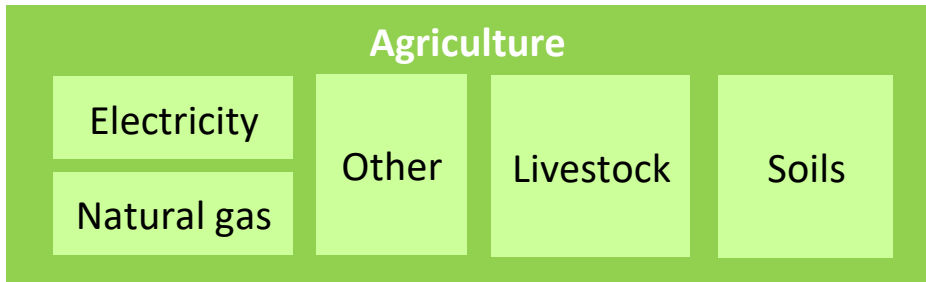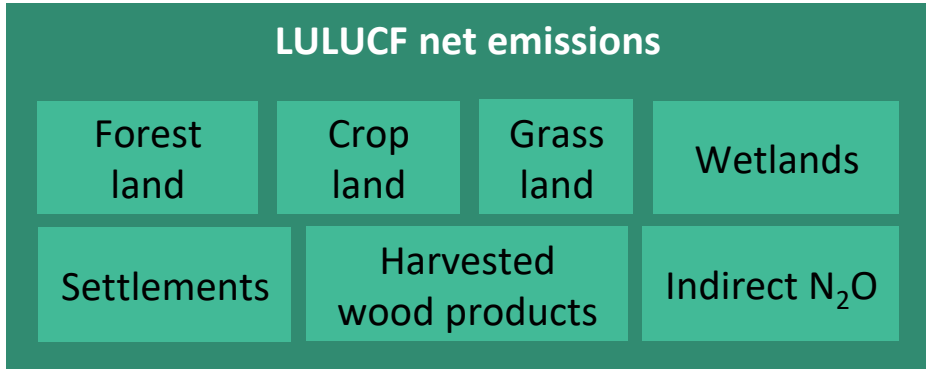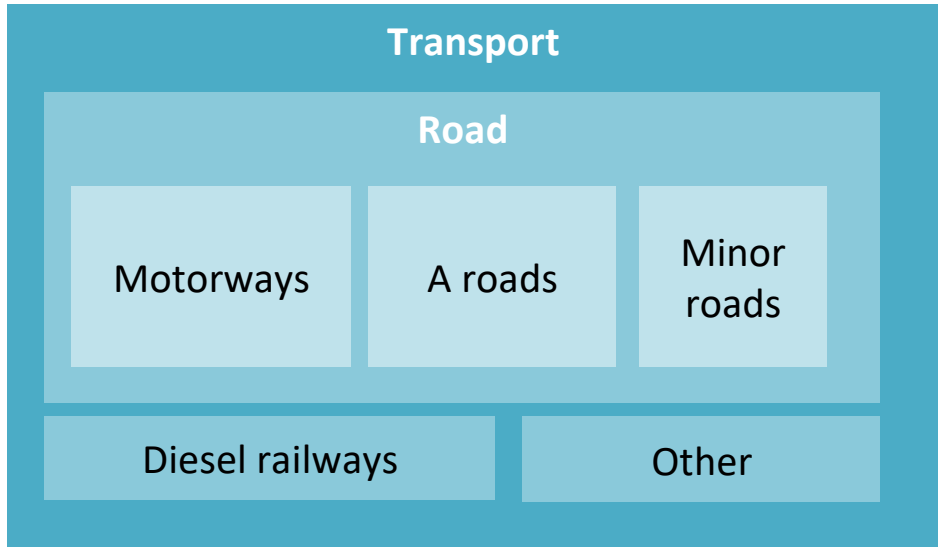
Future emissions sources

Potential emissions removals

Direct control
- Fuel use in buildings and fleet
- Business travel by staff
- Disposal of municipal waste to landfill
- Electricity use in buildings, fleet and streetlighting
- Water use
- Purchased goods and service

Indirect control
- New build housing
- New infrastructure development
- New commercial or industrial development
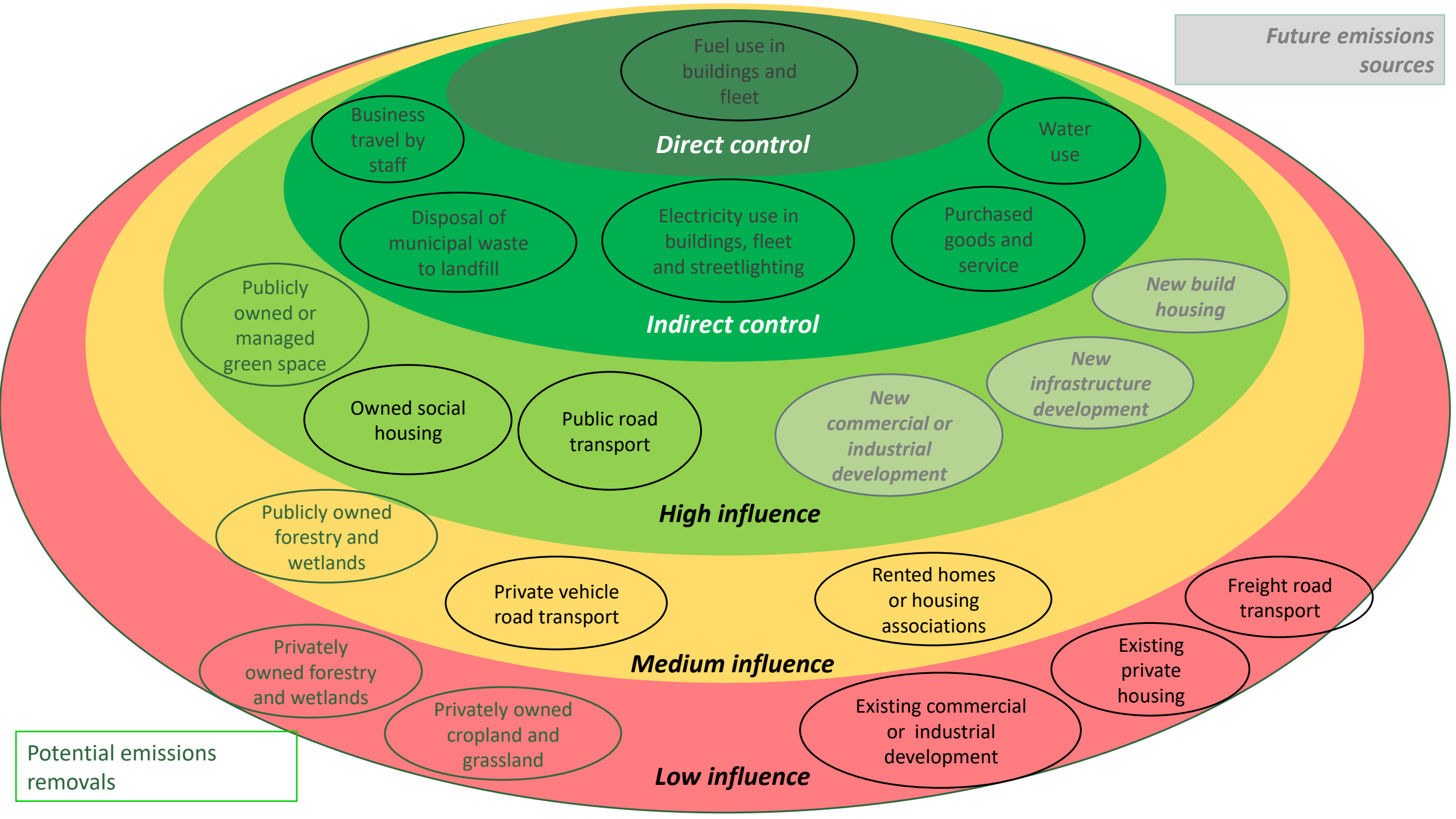
High influence
- Publicly owned or managed green space
- Owned social housing
- Public road transport

Medium influence
- Publicly owned forestry and wetlands
- Private vehicle road transport
- Rented homes or housing associations
- Freight road transport

Low influence
- Privately owned forestry and wetlands
- Privately owned cropland and grassland
- Existing commercial or industrial development
- Existing private housing

Who owns the problem?
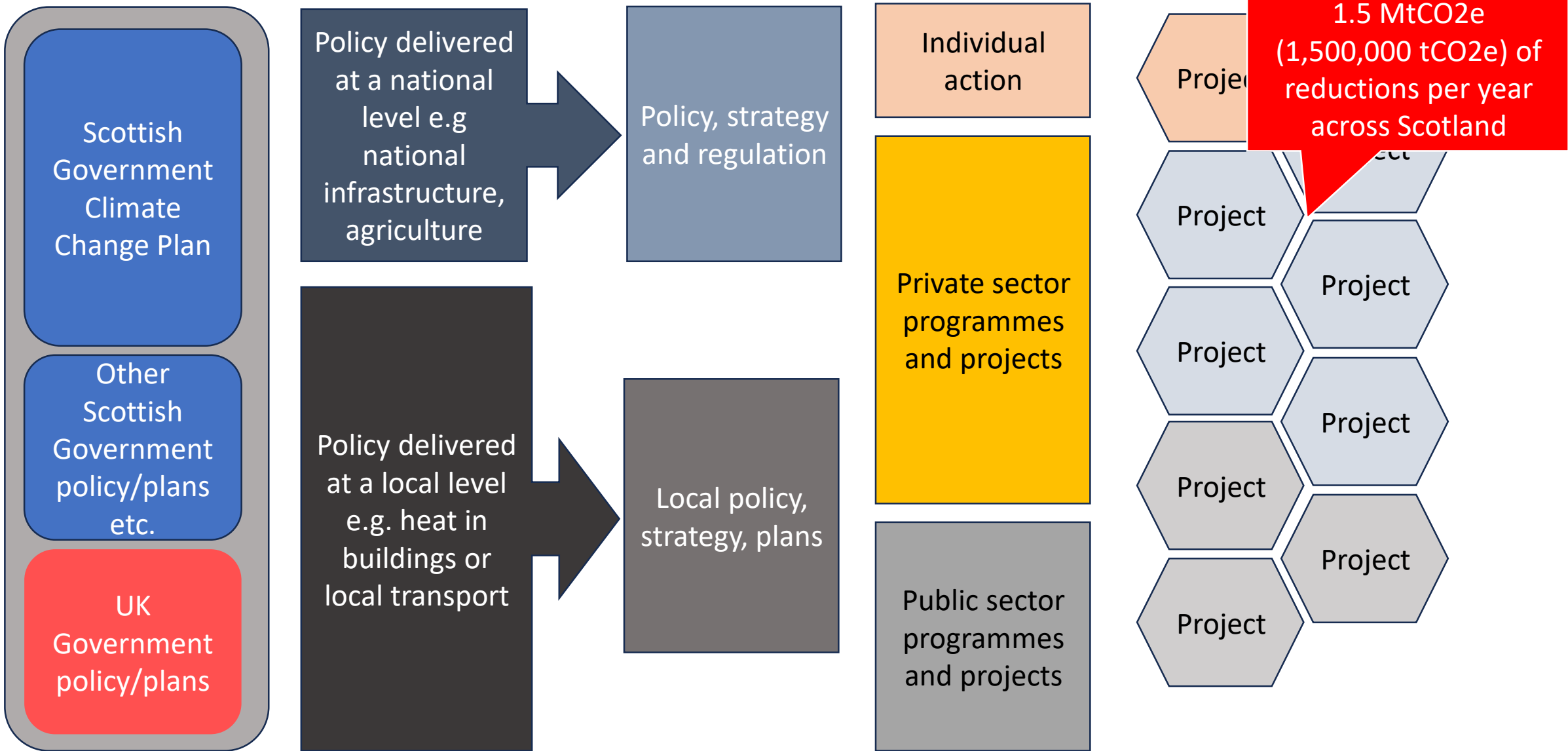
Key points about the problem

- Area-wide emissions are not just large organisational footprints

- Difference in control versus influence

- Complex array of multi-level stakeholders and multiple co-benefits

- Long term problem with short-term progress required – we think there is currently an action gap

- Carbon reductions on area-wide footprints take time to 'appear'

Key philosophy:

- Live action, not static (covid/energy crisis) - pdfs are not functional
- Consistency between LA – benefits for sharing practice and communicating with SG
- Climate change is not a data problem, it is decision-making, financing, political and emotional problem and we need to design the service with this in mind

What will the Climate Intelligence Service do?

Pillar 1
Procure a platform for all 32 local authorities, populated with area-wide data to collate and report action.

Pillar 2
Support local authorities and partners to identify and enter current and future actions into the platform.
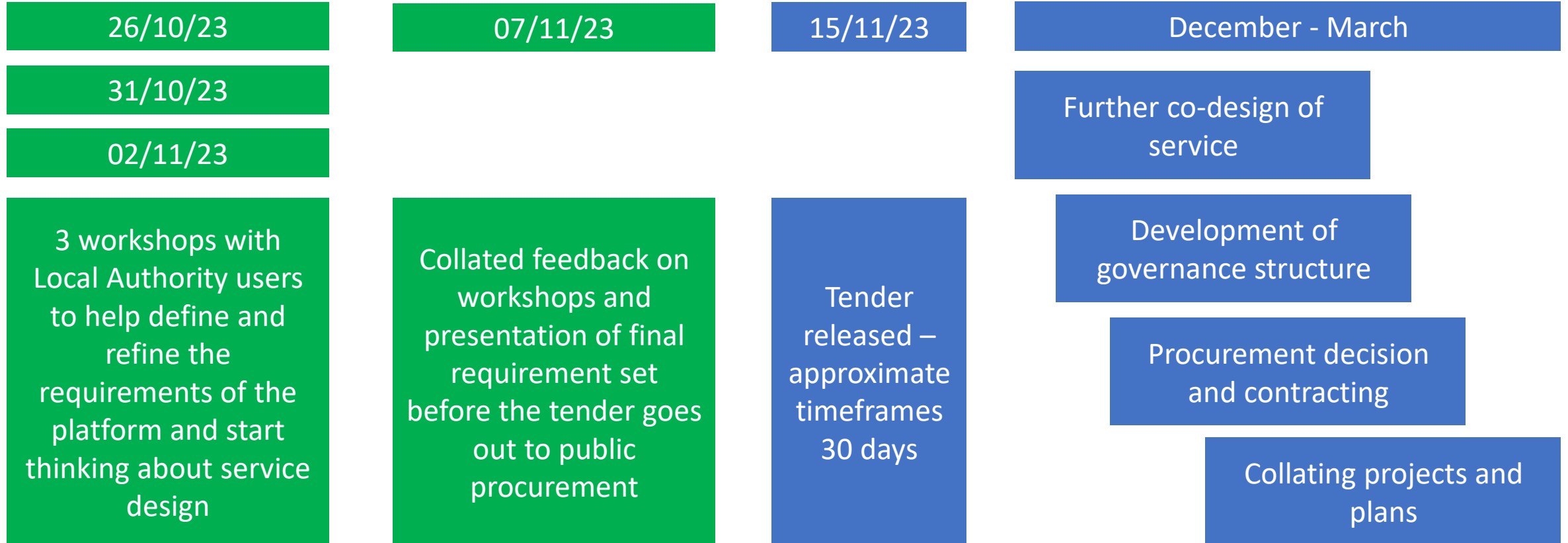*Provide training to enable decision-makers to understand implications.*

Pillar 3
Provide a service to LA's to support decision-making through access to data, share best practice, help with tricky questions, find common issues and share solutions.

Timelines and engagement

Development funding period (August 2023 – April 2024)

26/10/23	07/11/23	15/11/23	December - March
31/10/23			Further co-design of service
02/11/23			
3 workshops with Local Authority users to help define and refine the requirements of the platform and start thinking about service design	Collated feedback on workshops and presentation of final requirement set before the tender goes out to public procurement	Tender released – approximate timeframes 30 days	Development of governance structure
			Procurement decision and contracting
			Collating projects and plans

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is. improvement service

SSN Sustainable Scotland Network

Next Steps for Collaboration

- User group workshops around service delivery

- Detailed workshop on how to set a consistent boundary and methodology for central reporting

- Co-development and prioritisation of a training programme

If you have further thoughts or questions, please contact us
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