



NDA Waste Division update


Corhyn Parr, CEO Designate Waste

 Dounreay  LLW Repository Ltd  Sellafield Ltd

 Direct Rail Services

 Magnox

 INS
INTERNATIONAL
NUCLEAR SERVICES

 Radioactive Waste Management

Thank you for the opportunity to update you on:



**The creation of a
Waste Division
within the NDA
group**



**NDA's Integrated
Waste
Management
Programme**



**Near Surface
Disposal**

Waste Division will bring together significant expertise

Disposal operations

Operation of current and future disposal facilities on behalf of the group.

Major infrastructure delivery

Delivering critical infrastructure programmes eg GDF, RDP.

Centre of waste expertise

Recognised experts in the field of waste - one stop shop for waste treatment, storage and disposal.



Packages and containers

Group purchase and supply of standard items.

Waste System Optimisation

Managing, optimising and balancing supply with demand of treatment, storage and disposal over multi-year time horizon

Inventory

Owning the inventory and developing optimal waste routes in partnership with waste producers

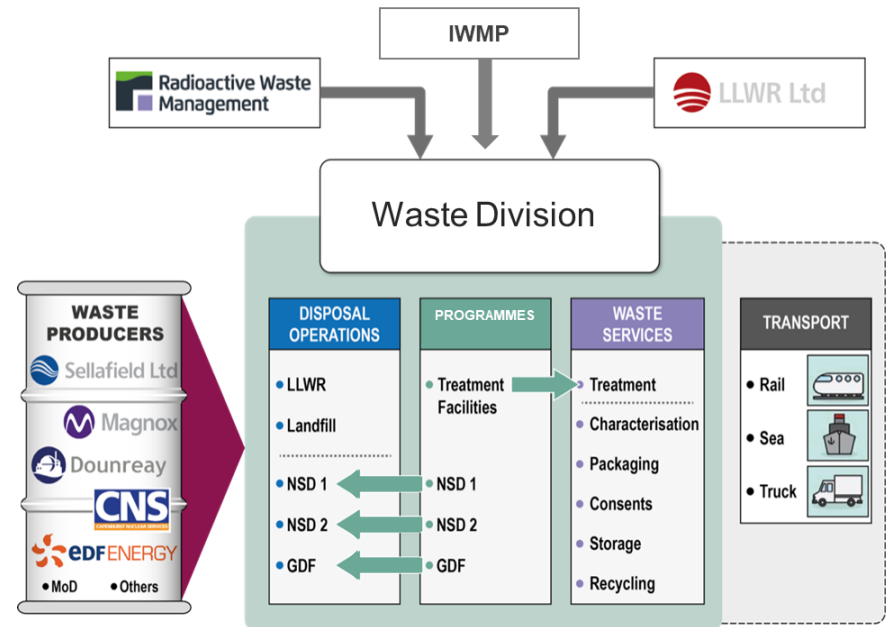
Characterisation

Deliver improved characterisation capabilities for the group.

Waste Division vision

What we're aiming for:

1. Successfully deliver major critical infrastructure programmes - GDF, RDP
2. Provide 90% of the UK's radioactive waste management services
3. Operate all UK radioactive waste disposal sites
4. Embed our Integrated Waste Management Programme and deliver significant committed savings

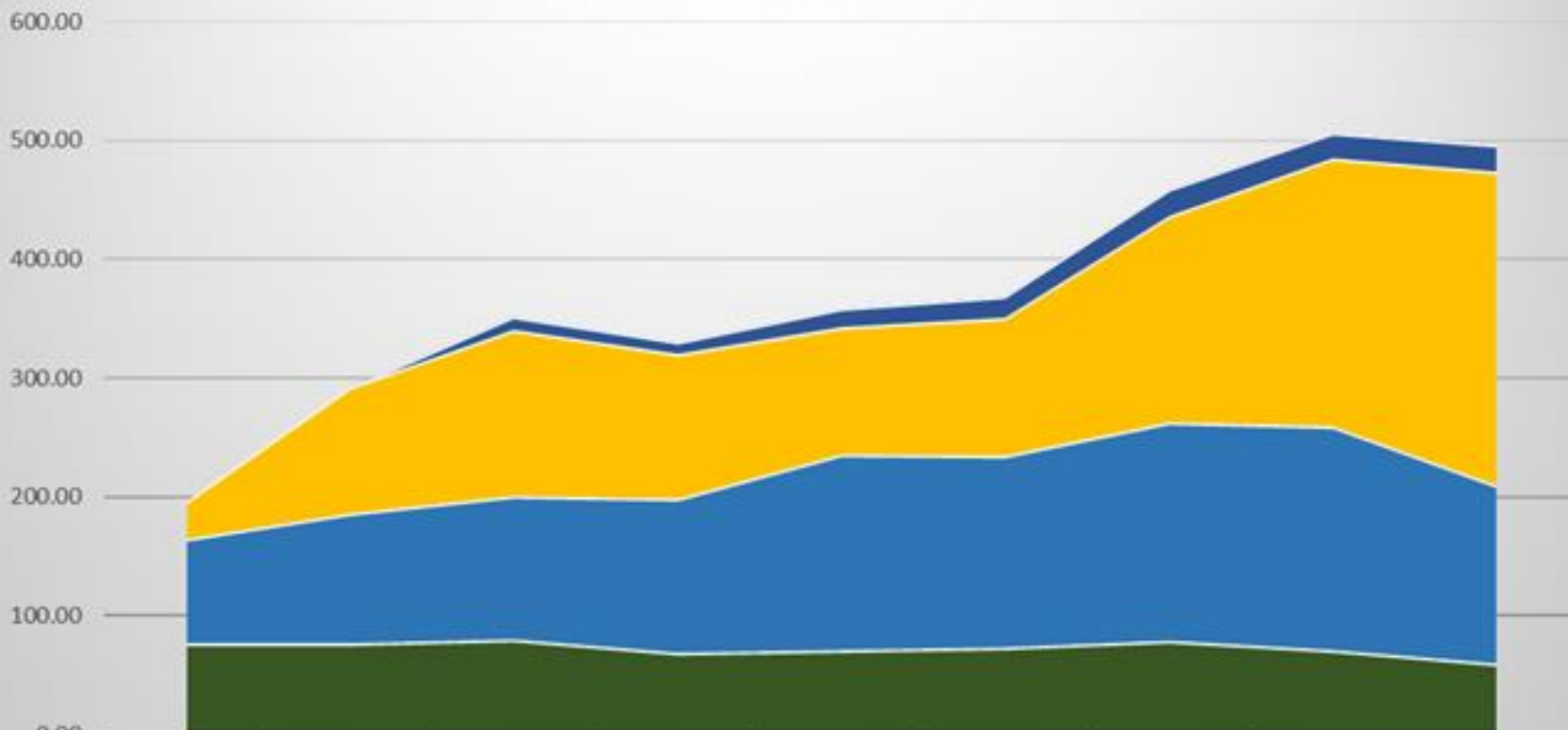


**Starting point
for our vision**

“A sustainable future by providing integrated, through-life radioactive waste management solutions in safe, cost effective ways that protect people and the environment”

Future cost profile

Costs - Profile over 10 years split by area



	FY2021/22	FY2022/23	FY2023/24	FY2024/25	FY2025/26	FY2026/27	FY2027/28	FY2028/29	FY2029/30
External	0	0	11	11	16	18	22	22	22
IWMP	31.79	105.95	139.89	121.19	107.12	115.66	173.95	224.87	264.58
RWM	87.61	108.40	121.57	129.59	164.47	161.90	183.73	188.67	150.23
LLWR	76.85	77.30	79.74	69.21	71.09	73.20	79.41	71.31	59.46

■ LLWR ■ RWM ■ IWMP ■ External

Integrated Waste Management Programme update

- Integrated Waste Programme, Records Management Programme and Strategic Waste Programme
- Thermal treatment programme developed for 3 key waste streams
- NDA group wide decision making tool for waste established
- Supply chain engagement about asbestos innovation underway
- Group-wide perspective across all planned waste infrastructure being taken
- Areas for international collaboration initiated
- Package and container co-ordination



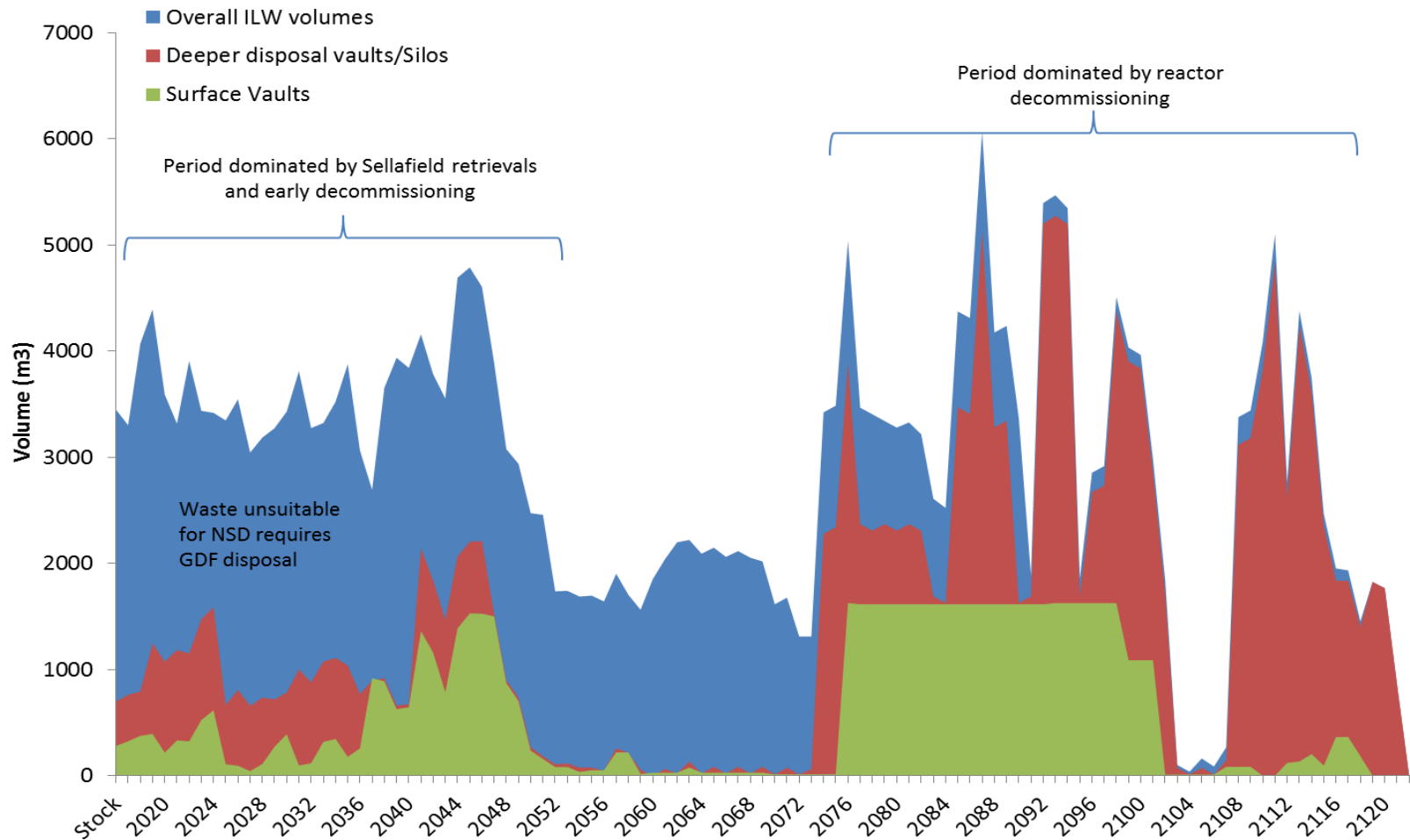
**Set up in
April 2020**

**Public
launch in
November
2020**

Near Surface Disposal (NSD) update

- NDA made the commitment in Strategy 3 to;
'...explore a range of disposal options together with RWM and our SLCs.'
- NDA Strategy 4 made the commitment to continue with work on NSD stating;
'We will continue to investigate the technical feasibility of the 2 main near-surface disposal concepts.'
- Policy change required to enable near-surface disposal of HAW in England and Wales. NDA supporting BEIS with policy development. Consultation planned Summer 21.

Waste arisings

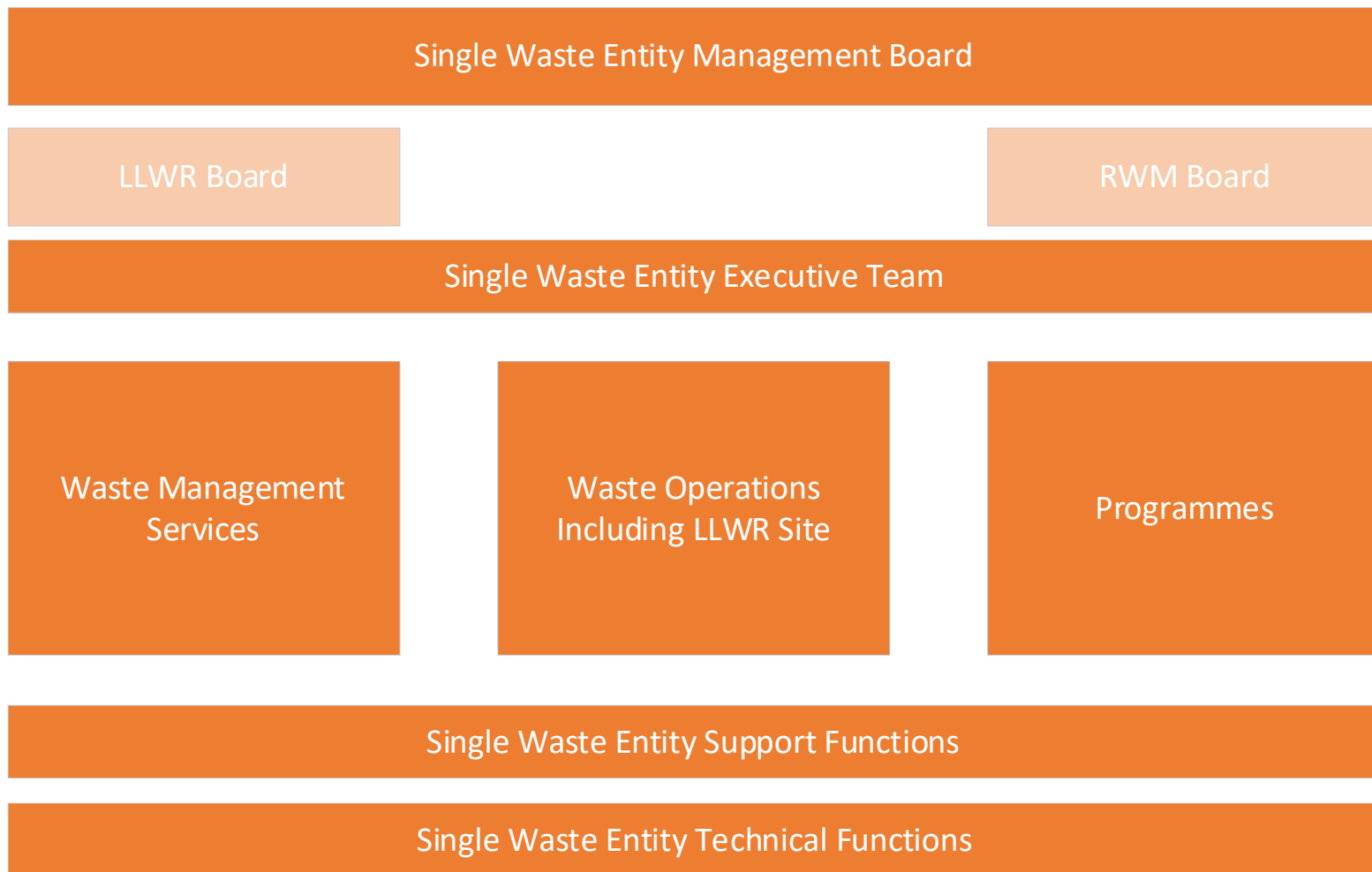


NSD current status

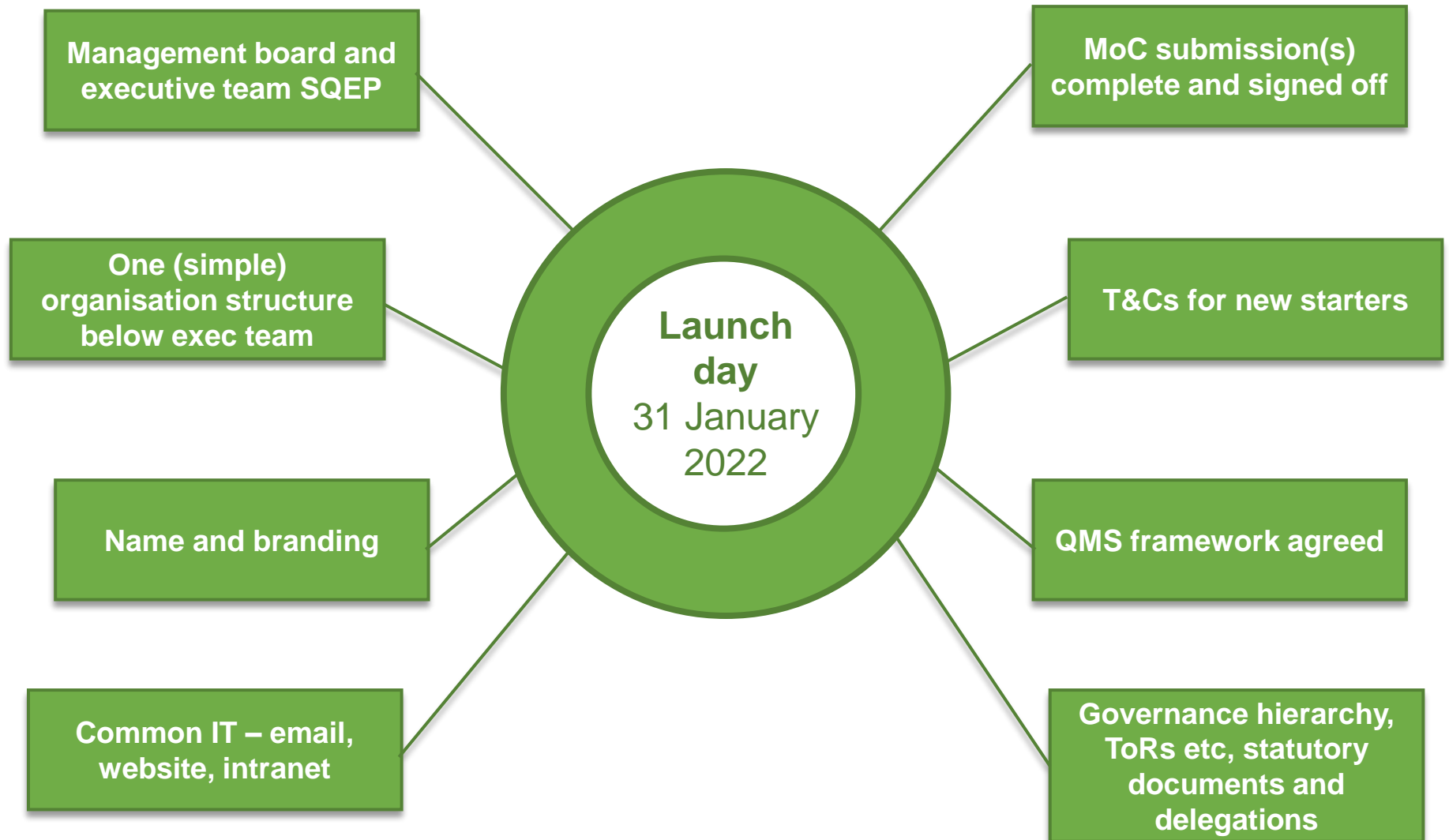
- Programme initiated
- Three workstreams:
 - LLWR – making best use of the LLWR; for both at-surface and/or at-depth concepts
 - At-surface NSD concept – assessing variables to consider in relation to location
 - At-depth NSD concept - RWM supporting NDA; developing credible options
- Continue to support government in policy development
- NSD for Scotland: Working with Scottish Government to develop scope for an initial project

Future steps

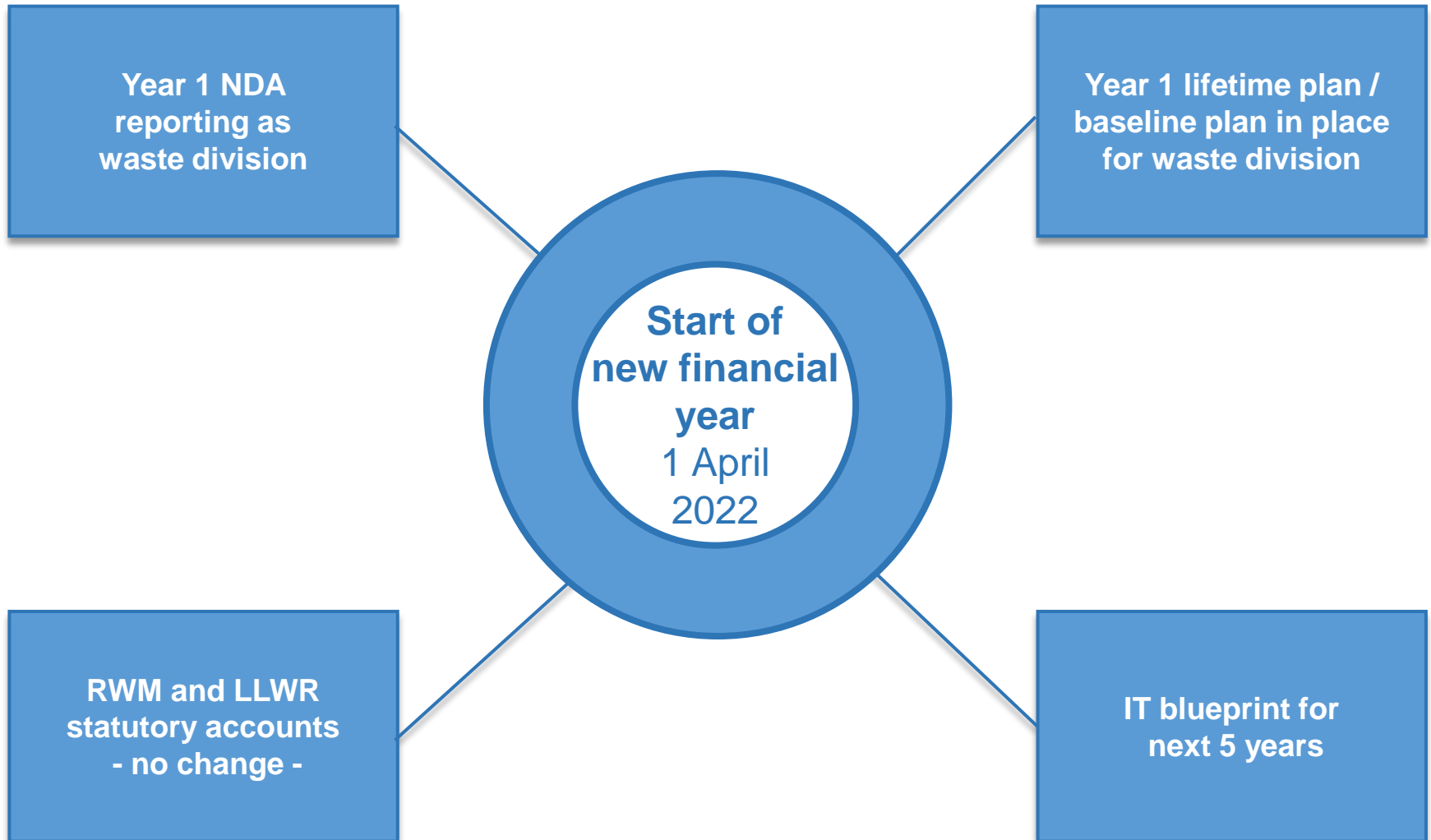
How the division will be structured



Our aim for 31 January 2022



Our aim for 1 April 2022





Any Questions?
