



**Centre of Excellence**  
for Decarbonising Roads

# North Lanarkshire Council Approach to Carbon

*25th September 2023*



## NLC Carbon Framework



### Baselining

- Carbon baseline of NLC road services



### Training & Culture

- FHRG and CCAS training
- Ongoing data management and evaluation of carbon

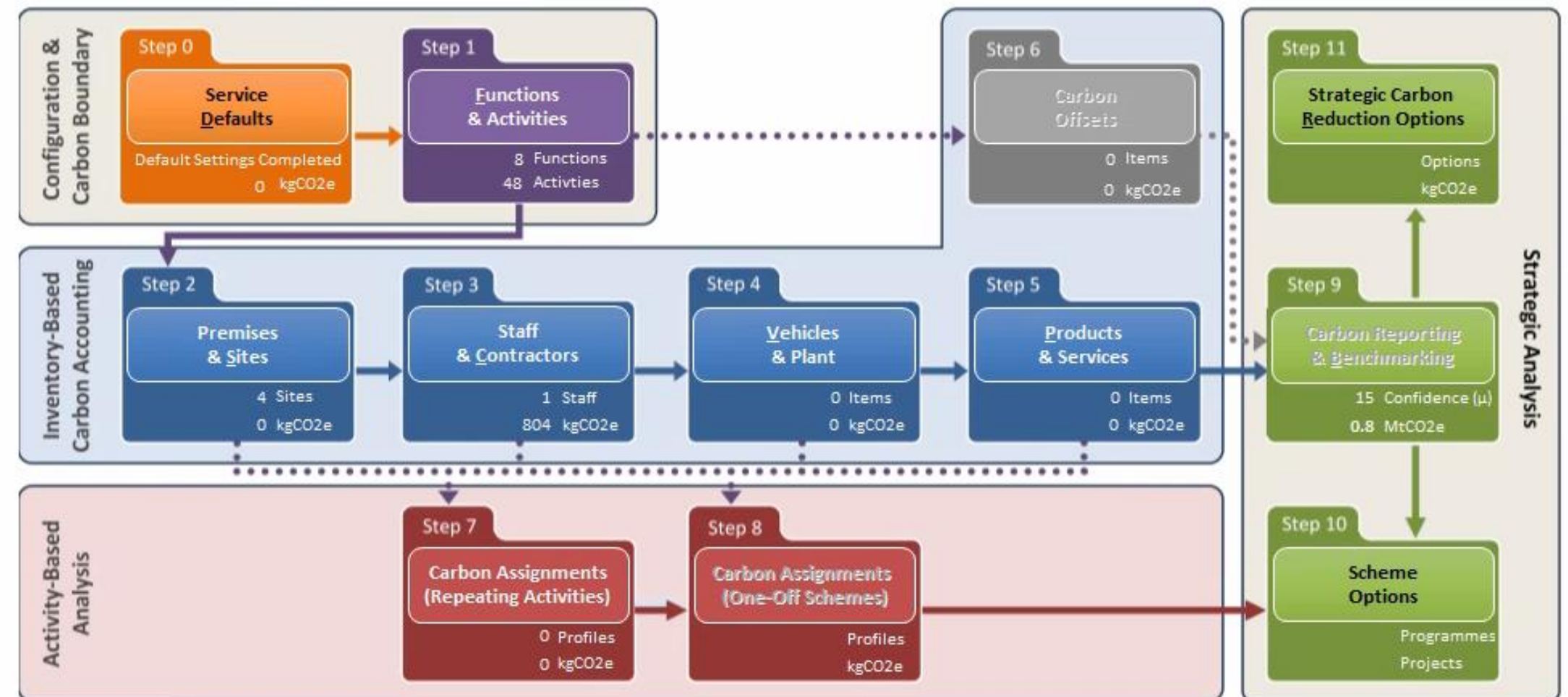


### Innovation Funnel

- Integration within the materials testing programme

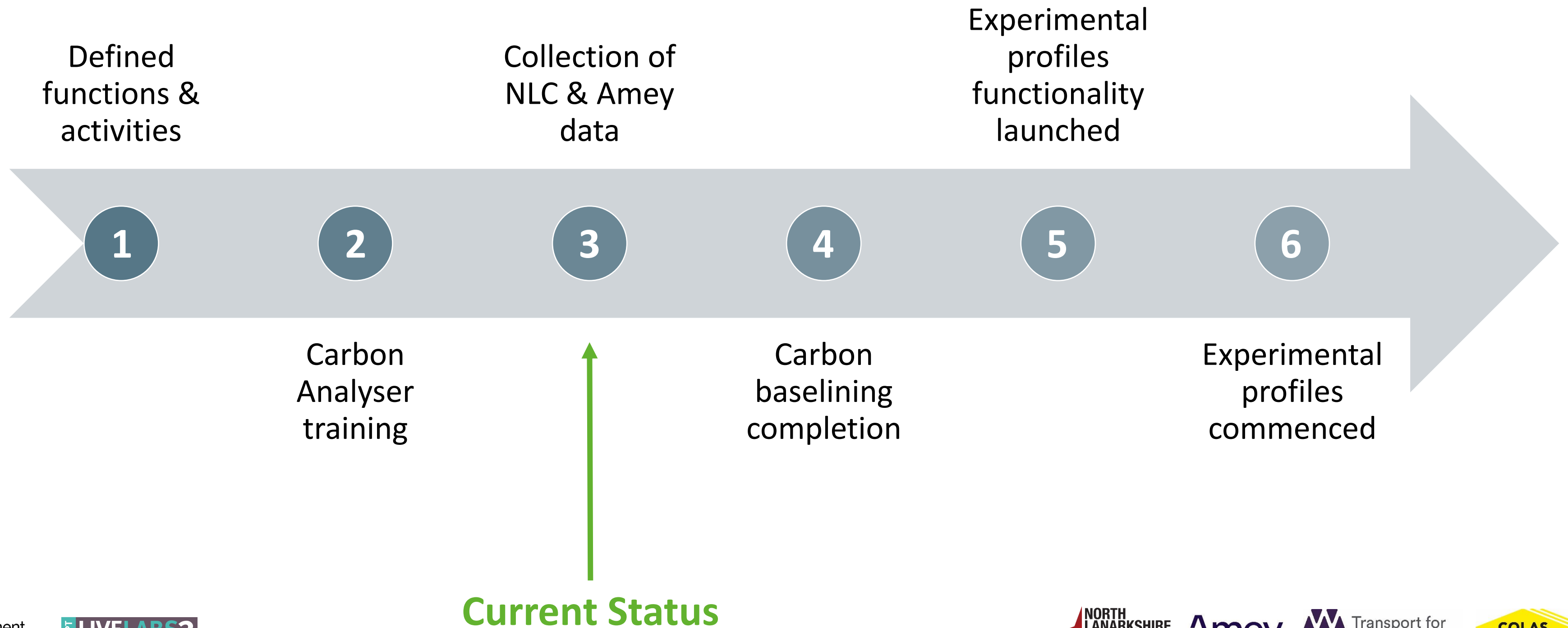
# Baselining

- FHRG Carbon Analyser to complete a full carbon baseline of contract
- Define standard functions and activities
- Buckets
  - Sites/Premises
  - Staff and Contractors
  - Vehicles and plant
  - Products and services
- Capital Projects

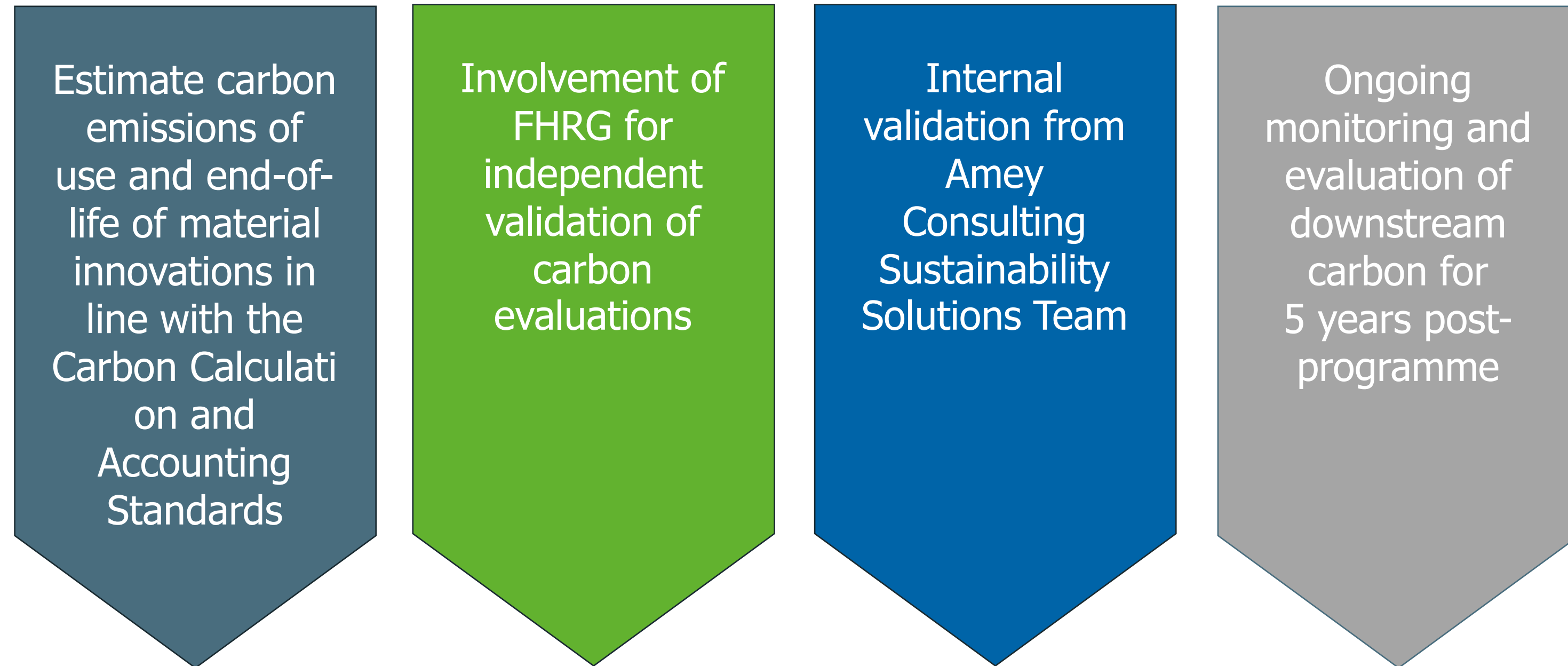




# Timeline for NLC Baselineing



# Downstream Approach



# Approach to Carbon within Innovation Funnel

- Evaluation of materials against current state-of-play with critical success factors considered in Innovation Scorecard
- Data collection and provision specification for live trials
- Materials evaluated against FHRG standards and integrated within NICS
- Triangulation with OneClick LCA
  
- Storage of carbon data and validation by FHRG in online knowledge bank

