

Circular Economy Network+ in Transportation Systems – 2nd Call for Feasibility Studies

- Foresightful risky early-stage research collaborations between **academic and industry partners**
- Led/ with strong involvement of **Early Career Researcher(s)**
- 4-6 projects ~ **£50,000** at full Economic Cost (fEC) (awarded at 80% fEC)
- Duration ~ **6 months**, must complete before the end of Jan 2022
- Call will open on **15 Feb 2021** (full details on www.circulartransport.com)

Five research strands:

Material stocks and flows in transportation

Whole life design

Circular economy decisions

Circular economy transitions

Digital circularity

Circular Economy Network+ in Transportation Systems – Roadmap Topic Ideas

Also we would consider proposals that tackle some of the key challenges identified in our material requirement roadmapping workshops

Material Requirements for
Transport Systems

Role of the Circular Economy in
satisfying material requirements

Supply Chains with CE
principles

Social Trends and their Influence
on Material Choices for Transport

Economic modelling of CE
material routes

Material passports,
labelling &
standardisation

LCA studies;
Environmental footprint
of materials in transport

Forward and reverse supply
chain mapping in transport
systems

Material leasing

Designing design, e.g.
modular design

Economic modelling of CE
material routes

Role of ownership to the
future of transport

Shared ownership &
design

Industrial Symbiosis for
supply chain resilience

Foresight studies for CE in
transport with materials in
mind

Policy requirements to incentivise
CE in transport

Dynamic technologies able to handle
diverse materials at the EoL stage