



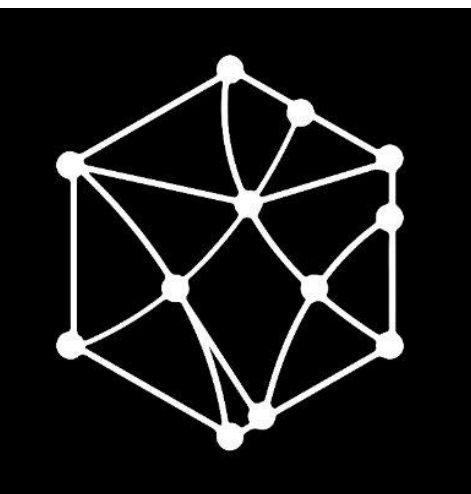
CELTIC-NEXT Launch Event



9th of December 2022, Online via WebEx

Pitch of the Project Proposal

Food Chain



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Teaser

Local Societal,
Environmental & Economical
Impacts



Unsustainable Global
Food Supply Chains



Smart Sustainable
Local Food
Supply Chains

Organisation Profiles

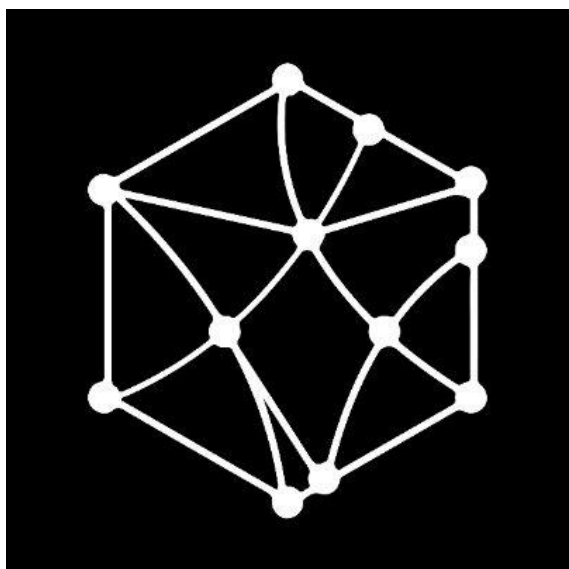


“IGS is a ten-year-old vertical farming business that designs and deploys agricultural infrastructure globally, to farmers and growers to empower them to produce **excellent** quality food, forestry and botanicals, that are **environmentally** sustainable and **economically** viable. IGS farms are machines that have been Productised, are Scalable, Industrial, Modular & Agile. In the last 2 years the company has grown from £0 sales and 25 people to £200M sales and 220 people. We are currently deploying farms across 4 continents.”



One of the largest energy research clusters in Europe, global partners across academia, civil society, and the public and private sectors creating real world impact and tackling the UN’s Sustainable Development Goals & world-renowned manufacturing excellence

TrackGenesis deliver bespoke solutions that incorporate cutting-edge technologies like Blockchain, AR, VR, and Artificial Intelligence. Their vision is to create a better tomorrow and a sustainable future by building transparency and trust through innovation



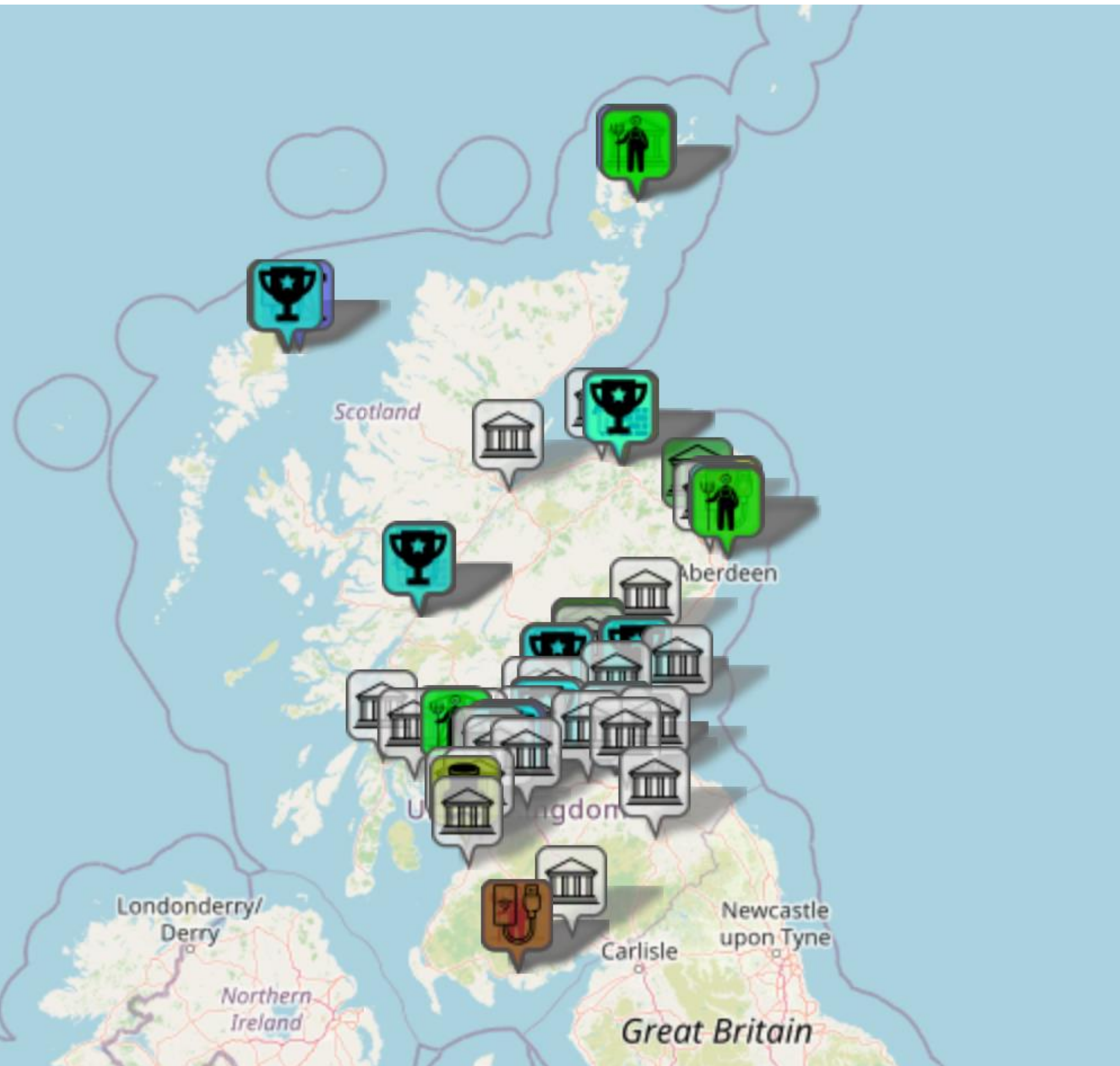
Scotland’s International Environment Centre (SIEC) is a pioneering collaboration that will create an ‘innovation community’ in the Forth Valley, driving the creation of a net zero regional economy and acting as a global exemplar of low-carbon growth.



Through innovation and partnership, SIEC will deliver transformational change in sustainable business practice, positioning the protection & enhancement of our natural resources as an enable economic prosperity, wellbeing, & a just transition to a net zero future.

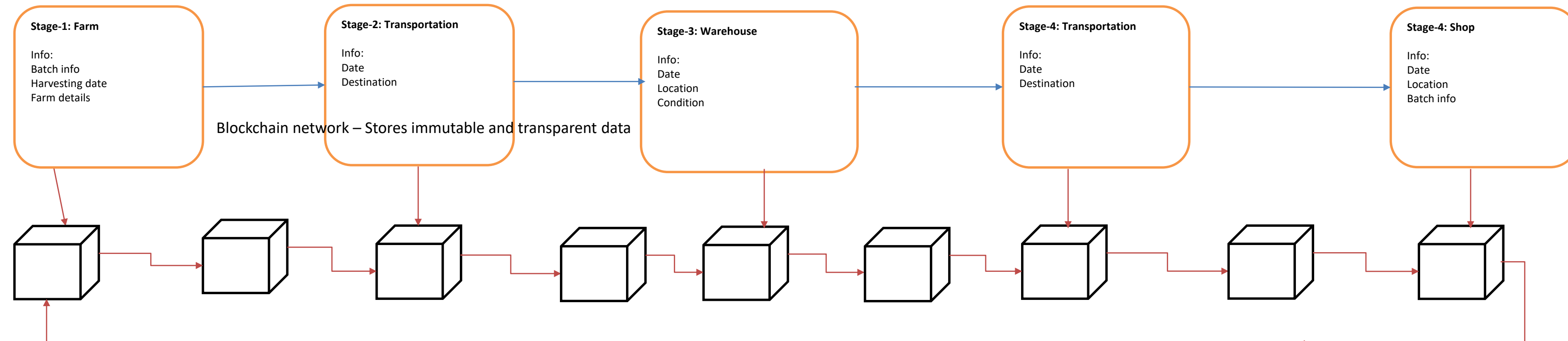


Proposal Introduction- IGS's Food Incubator Network



- A national network of vertical farms
- Growing a range of very high-quality fresh and nutritious ingredients at affordable prices
- Serving our cities, islands and rural communities: artisan food producers, the tourism/hospitality sector, consumers, retailers, schools and hospitals
- Improving food supply security, diet/nutrition, community health
- Sustainably produced: reducing food miles, food waste & carbon footprint
- Creating local employment
- Making local growers and producers more efficient and competitive
- Contributing to Regional and National Decarbonisation
- Using world-class technology and crop science to address sustainable development and create a wellbeing economy
- **Community Wealth Building:** enabling community asset ownership and recycling value created in communities back into those communities. Procurement is particularly important
- **Food (In)security:** Addressing food security, localizing supply chains, reducing imports particularly given impacts of the Ukraine war
- **Local & National Economic Development:** especially job creation, inward investment and spurring local entrepreneurship and development of skills of the future

Proposal Introduction – TrackGenesis' Traceability

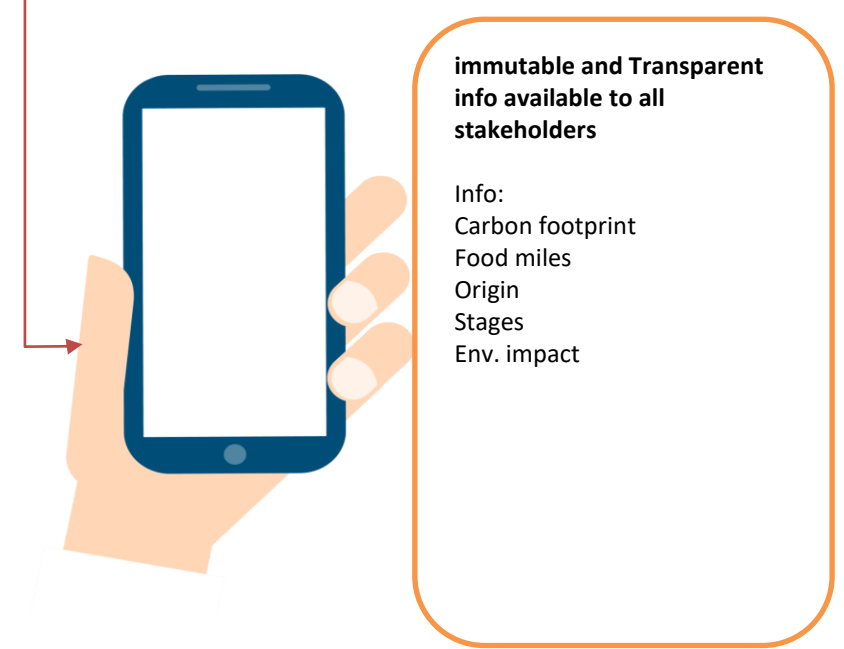


Benefits of Blockchain Technology in Supply chain

- Transparent and immutable data available to all stakeholders in real-time
- Able to measure carbon footprint/ food miles of each product and can be shown to consumer
- Transparency will show environmental impact of the food and will encourage consumer to make more sustainable choices
- Complete transparency of the food supply chain will ensure that every farmer receive a fair price for their work.

Why Blockchain? Why not traditional systems?

- Traditional systems are difficult to integrate between stakeholders and not easy to provide complete transparency.
- Traditional databases are not tamper-proof, company admin can change the data.
- It might take days to find the origin of the product because the systems are not well integrated.



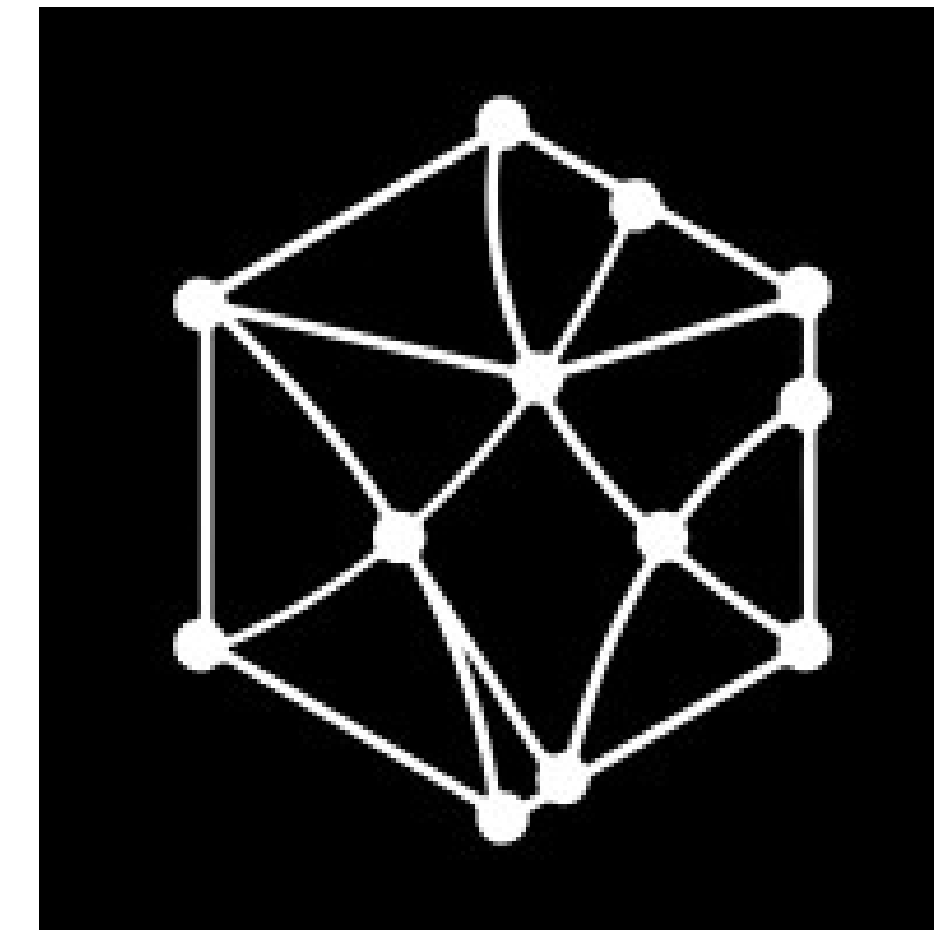
- Data**
- Provenance
- ESG
- Reduce Waste
- Match Supply with Demand
- Circular Economy
- Bioeconomy
- Integrate Clean-Tech
- Health and Wellbeing



Partners



[Intelligent Growth Solutions](#)



[Track Genesis](#)



[Scotland's International Environment Centre](#)



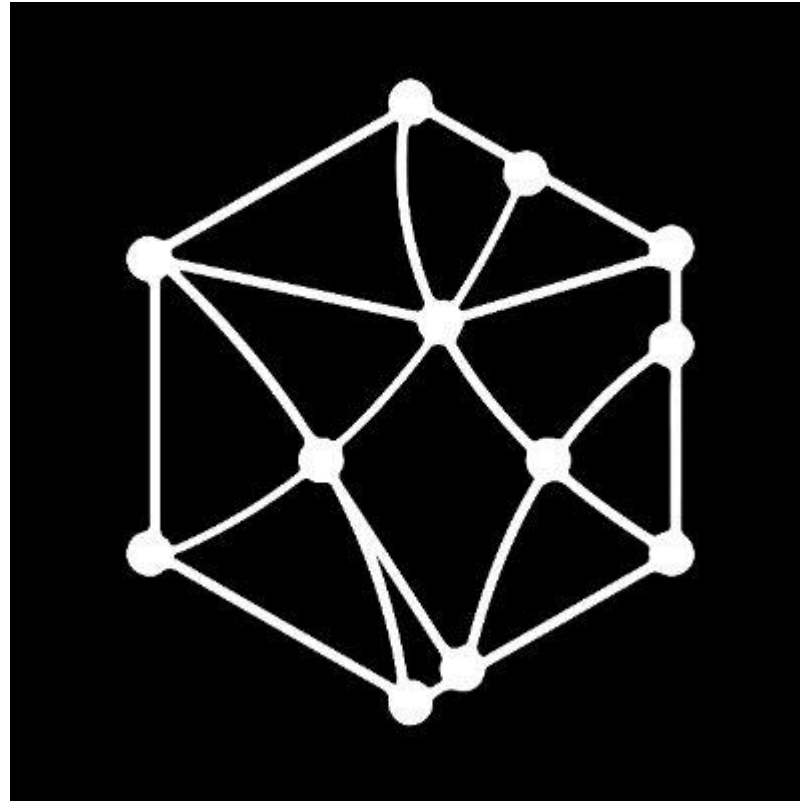
[Strategic Themes](#)




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12th Dec. 11 CET

Join the follow-up Telco

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