The Circular Economy Internet

One of the potentially most impactful activities towards the Circular Economy



The Circular Economy in one slide

The Circular Economy System Diagram, also known as the 'Butterfly Diagram', represents flows of products and materials in the Circular Biological cycles Economy.

The diagram starts from the current Linear Economy, depicted as the central, downwards flow from materials extraction and manufacturing at the top to incineration and landfill at the bottom.

In the Circular Economy, resources are used, but not used up. By applying suitable strategies to products, components and materials during use and after the end of a lifecycle, resources are kept in the system.







What we will accomplish

Today the linear economy business models are supported by software solutions like ERP-systems, supply chain management solutions, production management solutions, etc.

We will build the Circular Economy Internet as an open software platform that becomes the digital backbone of the circular economy, and will exponentially accelerate the digitisation of the Circular Economy.

- A tool box to support circular economy business models
- Focus on ecosystem many-to-many interoperability as
 - The circular economy is a value chain challenge not an individual business challenge
 - Citizens, businesses, and governments are part of several value chains. They would face a digital 0 nightmare, if they had to integrate one-to-one,
- Let a thousand flowers bloom An open platform with ready made tools allows innovators around the globe to realise value adding interoperable applications on top, and industries and regions to extend according to their specific need
- The Circular Economy Internet should have a sustainable business model and be governed as a global public good





What is the Circular Economy Internet?

The Circular Economy Internet (CEI) **builds upon the Internet** and consists of **generic components** that either facilitate global interoperability or generic circular economy concepts.

Industries, regions, and others create extensions to the components with **specific industry or regional functionality**.

The digital circular economy innovators **develop individual applications** on top of the common components and extensions, thereby making digital circular economy applications immediately available globally.





The internet - Facilitates connect once then share with everyone everywhere

The team



Henrik Hvid Jensen - Head of Circular Economy Internet. Experienced innovator, architect and thought leader on digitisation of global trade.



Wolfgang Lehmacher - A global thought leader in the world of supply chain and former head of supply chain and transport industries for the world economic forum.



Attila J. Turos - Experienced leader in Public-Private Partnerships. Former project lead World Economic Forum



Godha Bapuji - Social Entrepreneur. Founder Women in Crisis. Former Assistant Director - Information Security Consulting at EY



Veronica de la Cerda - CEO TriCiclos



Agustín Correa - Mechanical Industrial Civil Engineer working on engineering-design, circular economy and entrepreneurship projects.



Ann Dao - Experience in building multiple businesses from the ground up within the manufacturing, healthcare, hospitality and retail industries in unpredictable business environments.



Jon Petur Jonsson - Experienced project management, IT, digital transformations.