

# #EUCircularTalks

on Education, Learning and  
Skills for a circular economy

03 NOVEMBER 2020 - 14:00-15:00



Hosted by

EIT Circular  
Economy  
Initiative



Community  
Circular Economy

European  
Circular Economy  
Stakeholder Platform



# AGENDA

Timing	Session
14.00 – 14.05	<b>Opening speech</b> <b>Michael Teutsch</b> , Head of Unit, Schools and Multilingualism, DG EAC
14.05 – 14.30	<b>Circular economy as key competence: Education for environmental sustainability</b> Moderator: <b>Vladimir Garkov</b> , Policy Officer, DG EAC - <b>Ignacio Calleja</b> , Coordinator, EIT Circular Economy Initiative, “Circular economy in school education” - <b>Nani Pajunen</b> , Leading Specialist, Carbon-neutral circular economy, Sitra “Circular economy teaching for all levels of education”
14.30 – 14.55	Skills for a circular economy: Blueprint Skills Alliances and the EITs Moderator: Felix Rohn, Policy Officer, DG EMPL - <b>Anders Norberg</b> , Project coordinator, Blueprint Skills for battery production (ALBATTs) - <b>Antonius Schröder</b> , Project Manager, Blueprint Skills for Steel (ESSA) and Blueprint Skills for de-carbonising energy-intensive industries SPIRE-SAIS - <b>Evelina Paunksnyte</b> , Coordinator A. SPIRE aisbl, Partner in Blueprint SPIRE-SAIS, Processes4Planet - <b>Laurence Lamm</b> , Senior advisor, EIT Raw Materials and Partner in Blueprint ESSA, Blueprint ALBATTs and Blueprint SPIRE-SAIS - <b>Dimitra Maleka</b> , Education Programme Manager, Battery Storage, EIT InnoEnergy, and Partner in Blueprint ALBATTs
14.55 – 15.00	<b>Closing remarks and announcement of the launch of #EUCircularTalks dialogue forum immediately after the conference day 2</b> <b>Alison Crabb</b> , Head of Unit, Skills and qualifications, DG EMPL

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**Opening speech**

**Michael Teutsch, Head of Unit, Schools and Multilingualism, DG EAC**



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## Circular economy as key competence: Education for environmental sustainability

Moderator: **Vladimir Garkov**, Policy Officer, DG EAC

- **Ignacio Calleja**, Coordinator, EIT Circular Economy Initiative, “Circular economy in school education”
- **Nani Pajunen**, Leading Specialist, Carbon-neutral circular economy, Sitra “Circular economy teaching for all levels of education”



EIT Community is supported by the EIT,  
a body of the European Union



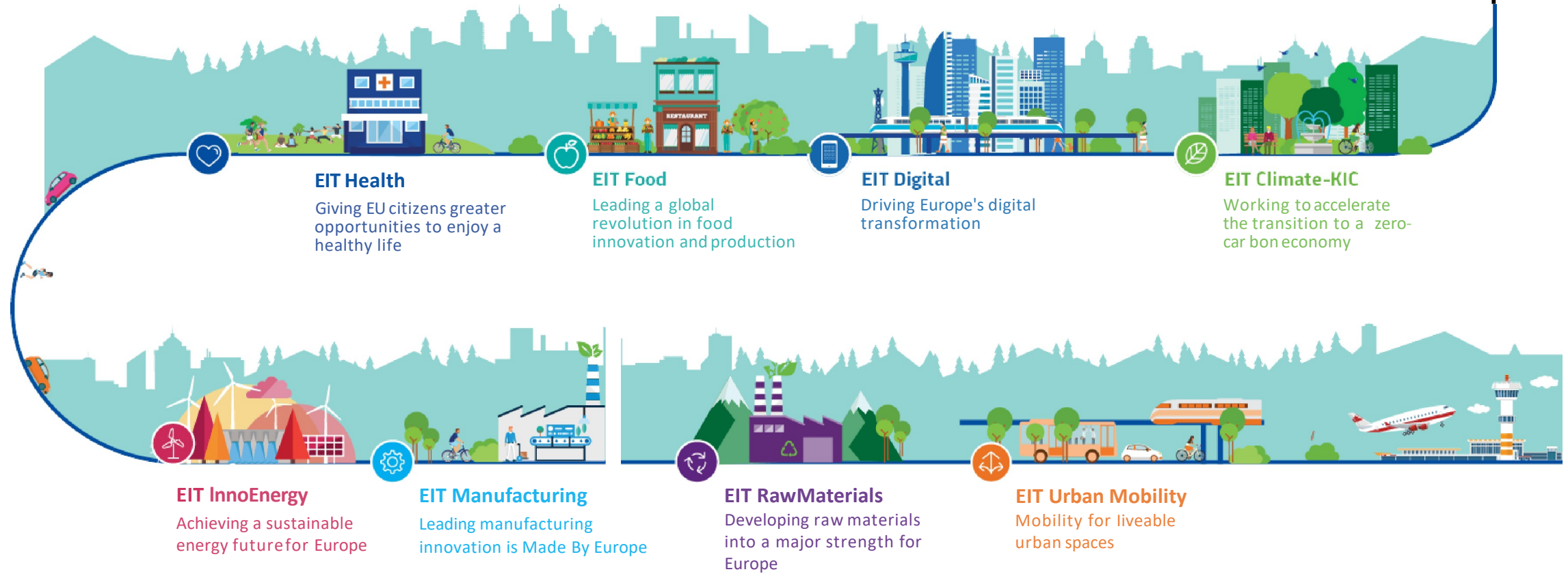
# Circular Economy in School Education

Ignacio Calleja

Coordinator EIT Circular Economy Initiative



# EIT Innovation Communities





# BARRIERS

- Participation
- Training
- Education policy

# Opportunities

- Catalysers
- Community
- Networks (training and best practices)
- Education methods



## KICs Community Contribution:

EIT Food School Network [www.eitfoodschoolnetwork.com](http://www.eitfoodschoolnetwork.com)

EIT Climate-KIC: <https://younginnovators.climate-kic.org/>

EIT Manufacturing/EIT Rawmaterials/EIT Climate-KIC/EIT  
Food: <https://eit-skills4future.eu/girls-go-circular>

EIT Rawmaterials: <https://rmschools.isof.cnr.it>;  
<https://www.bettergeoedu.com>; <https://ecoceo.vito.be/en>

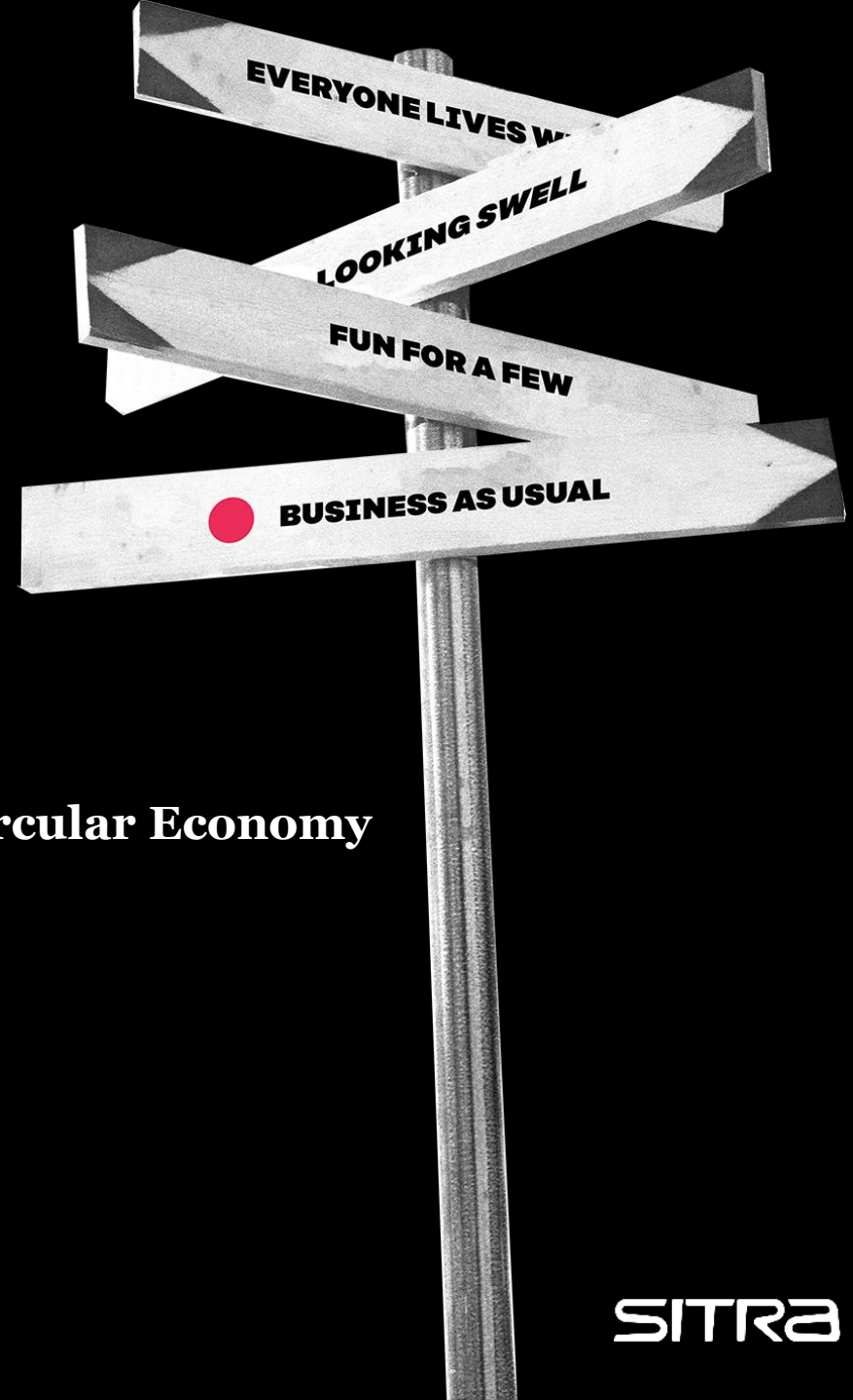




# Towards Carbon Neutral Circular Economy Society

**#EUCircularTalks – Education, learning and skills for the Circular Economy**  
3 November 2020

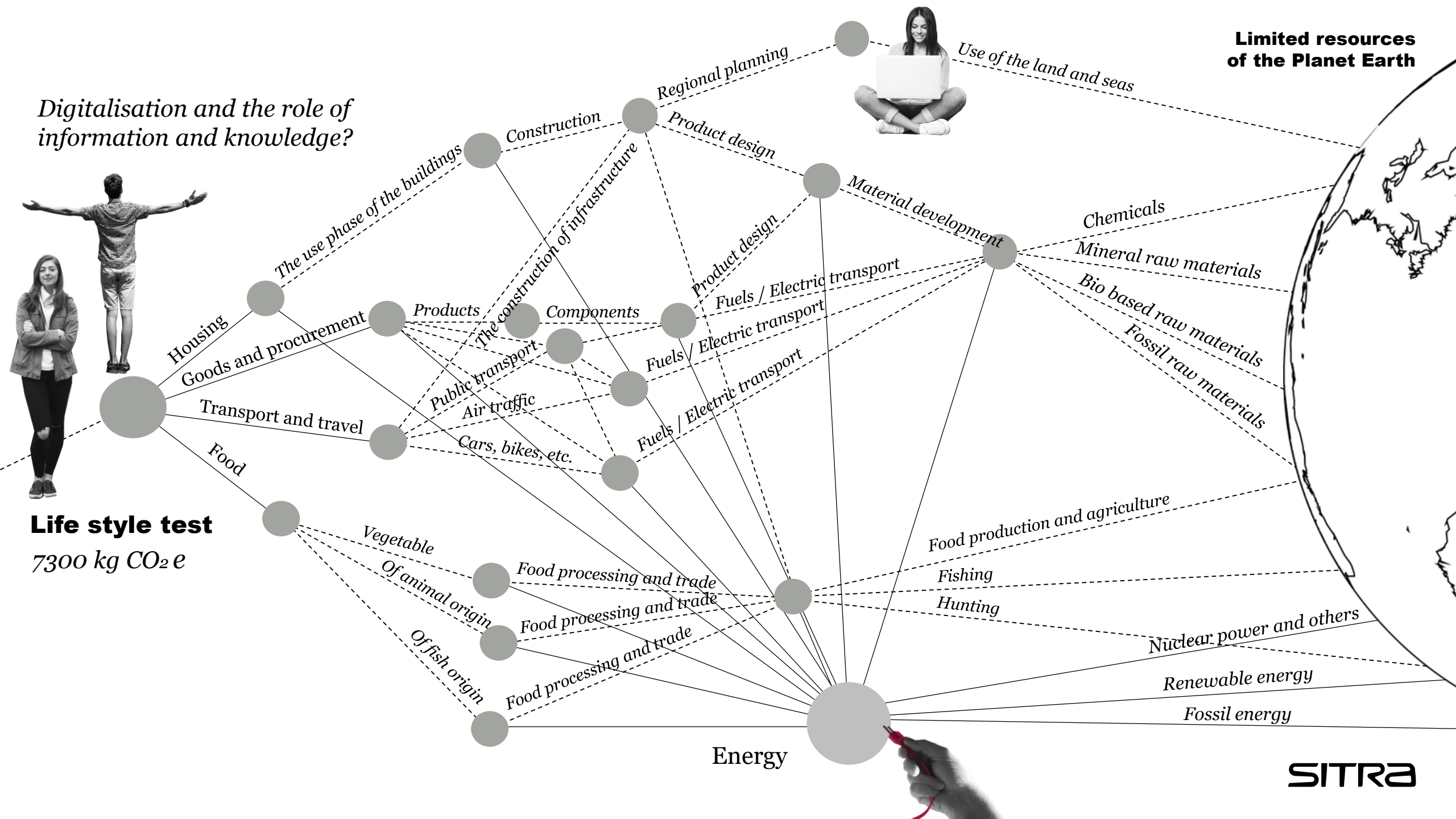
**Doctor of Science (Tech.), Lic.Sc. (Env.Law), Nani Pajunen,**  
Leading Specialist, Circular Economy, The Finnish Innovation Fund SITRA  
Visiting Researcher, Aalto University



**SITRA**

*Digitalisation and the role of information and knowledge?*

**Limited resources of the Planet Earth**





We all have equal rights to be part of the transition towards carbon neutral circular economy.



We will need many kinds of professionals also in the future - however, all of us will be circular economy specialists as well. We will have the understanding about limited natural resources and we know how to integrate circular economy solutions into our every day decisions and routines.



Transportation and logistics

Engineering

Forest Industry

Processing Industry

Construction Industry

Mining Industry

Marketing

Electronics Industry

Circular  
Economy  
Specialist

Business

Chemistry



Environmental legislation

Chemical expert

Hybrid and  
composite  
material specialist

Forestry

Communications

Environmental Policy

Agriculture

Food Industry

Education

Procurement

Contract Law



SITRA



How to make the  
circular economy part  
of the national  
education system  
– Tips from Finland

**Vocational school**

**Upper secondary school**

**CARBON NEUTRAL  
CIRCULAR ECONOMY  
PROFESSIONAL**

*Lifelong learning*

**Universities of Applied Science**

**Universities**

**Primary school**



**SITRa**

# Circular economy teaching materials

Are you looking for more effective tools for teaching about the circular economy in primary school, upper secondary school or vocational school? Here are some teaching materials that are appropriate for many different subjects.

<https://www.sitra.fi/en/articles/circular-economy-teaching-materials-for-primary-school-upper-secondary-school-and-vocational-school/>

Could you be the next circular economy guru in your workplace? If you have some extra time and are thinking about what to do, seize the opportunity and start studying! We have compiled courses to help you learn more about the circular economy from your own couch.

<https://www.sitra.fi/en/articles/becoming-a-circular-economy-guru-through-distance-learning/>





THEN  
YOU CREATED THE FUTURE

Thank you!

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<https://www.linkedin.com/in/nanipajunen/>

<http://www.sitra.fi>



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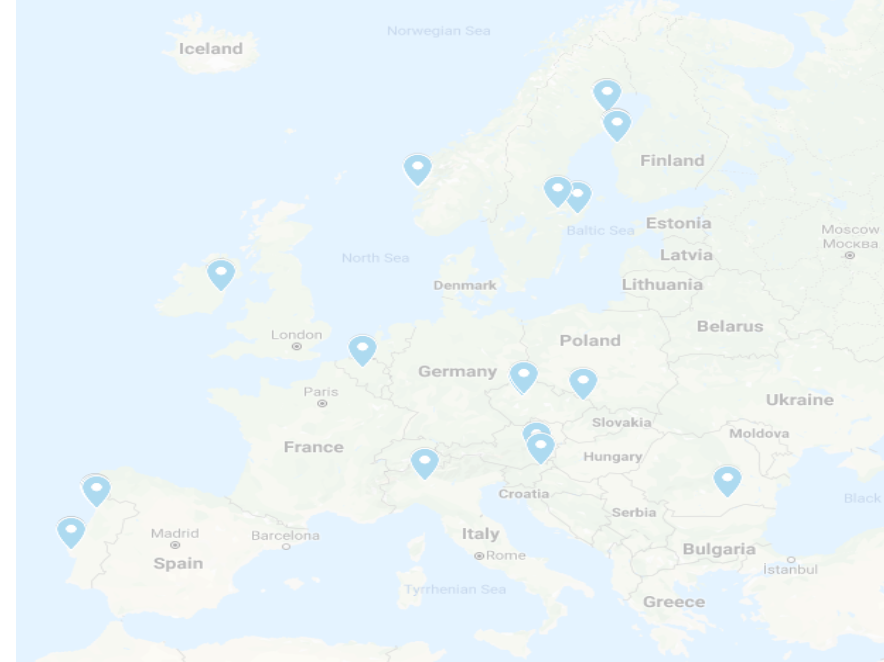


## Skills for a circular economy: Blueprint Skills Alliances and the EITs Moderator: Felix Rohn, Policy Officer, DG EMPL

- **Anders Norberg**, Project coordinator, Blueprint Skills for battery production (ALBATTs)
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# What is **albatts** ?

The Blueprint for Sectoral Cooperation  
on Skills for the **battery and electromobility**  
**value chain**



<http://project-albatts.eu>



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