



AGRIFOOD
DIGITAL INNOVATION HUB



ITC

INOVACIJSKO TEHNOLOŠKI GROZD
INNOVATION TECHNOLOGY CLUSTER



Greenpoint
LIVING LAB

Daniel Copot DIH AGRIFOOD manager
DIHs over the borders, 20.04.2021

“Never let a good
crisis go to waste”

-Winston Churchill



ITC - Innovation Technology Cluster

ITC Cluster aims at fostering **foster cross-sectoral innovation and implementation of novel technologies and ICT in rural-based sectors....**

...supporting the shift towards more **resilient, healthy and environmentally, socially, economically** sustainable rural areas.

Technology Transfer office

The Technology Transfer skills and principles are the key for ITC cluster operation.



I FEEL
SLOVENIA

We need to support farmers differently!

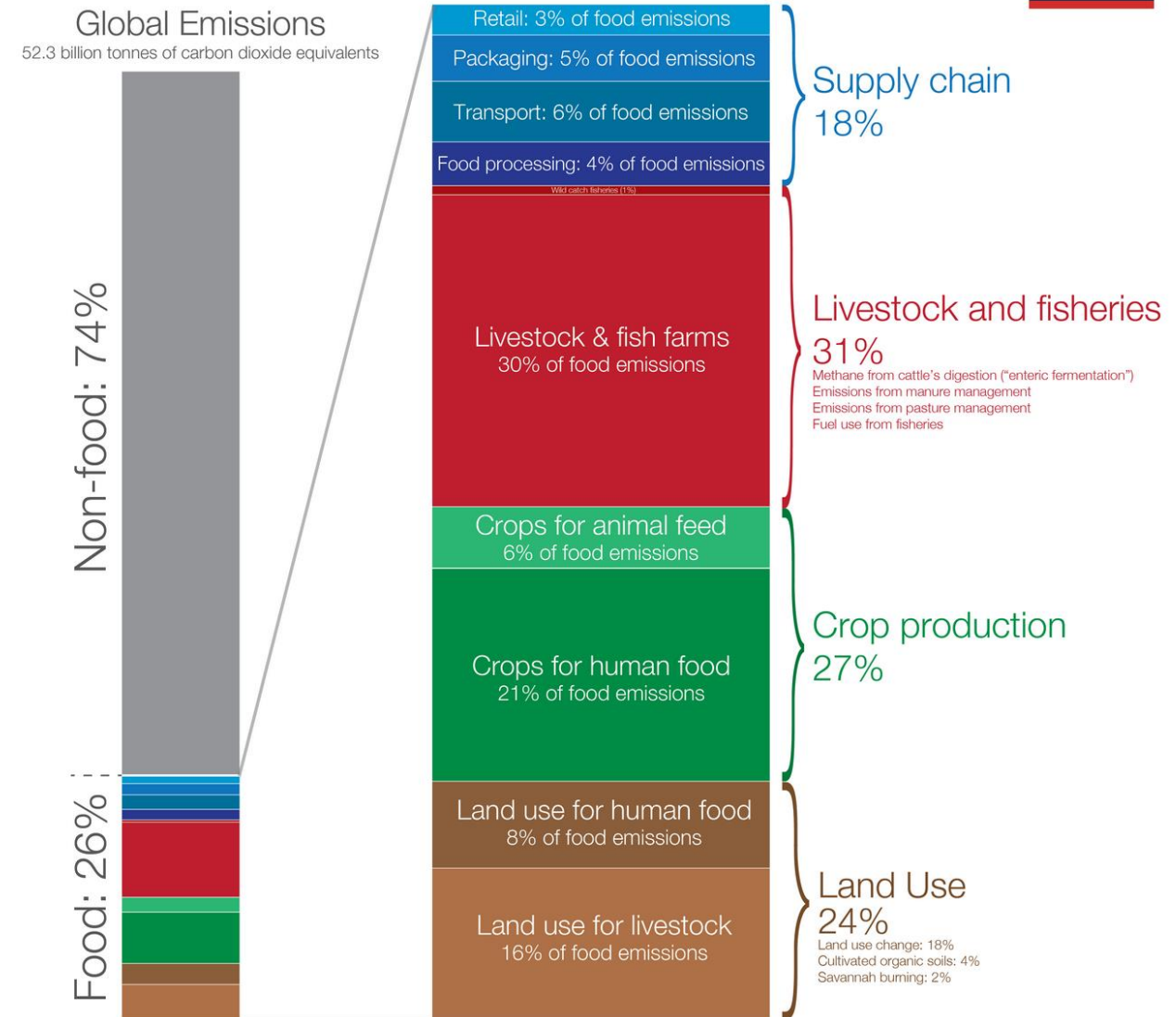
We need to produce
more food with less resources!

What about environmental, economic,
social sustainability?

CHALLENGES:

- EU strategies (Common EU Agricultural Policy, EIP-AGRI)
- Technologies: IoT, IoE, Industry 4.0, Agriculture 4.0
- Complexity, Interdisciplinarity, lack of skills, lack of finances
- The importance of “Technology transfer” and “Living lab”
- Farmers should be put in the centre!

Global greenhouse gas emissions from food production Our World in Data



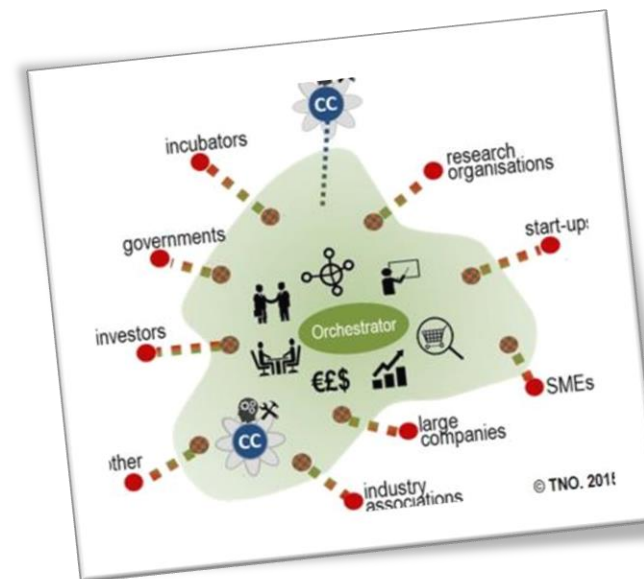
The answer...

DIH AGRIFOOD represents a **One-Stop-Shop** providing digital transformation services to target groups (farmers, food producers, associations, SFSCs) through a **Multi-Actor cooperation**

One of the biggest European DIH for AGRIFOOD



KISS (Keep it Simple and Smart)





INTERNET
of THINGS



BIG DATA



BLOCKCHAIN



ARTIFICIAL
INTELLIGENCE



EARTH
OBSERVATION



ROBOTICS



FARM MANAGER



FARM to FORK



ACCELERATOR

Digital transformation - farming

Short supply chains

Gastronomy



Think globally, act locally!



STARTUP³





Area: 1.337 km²

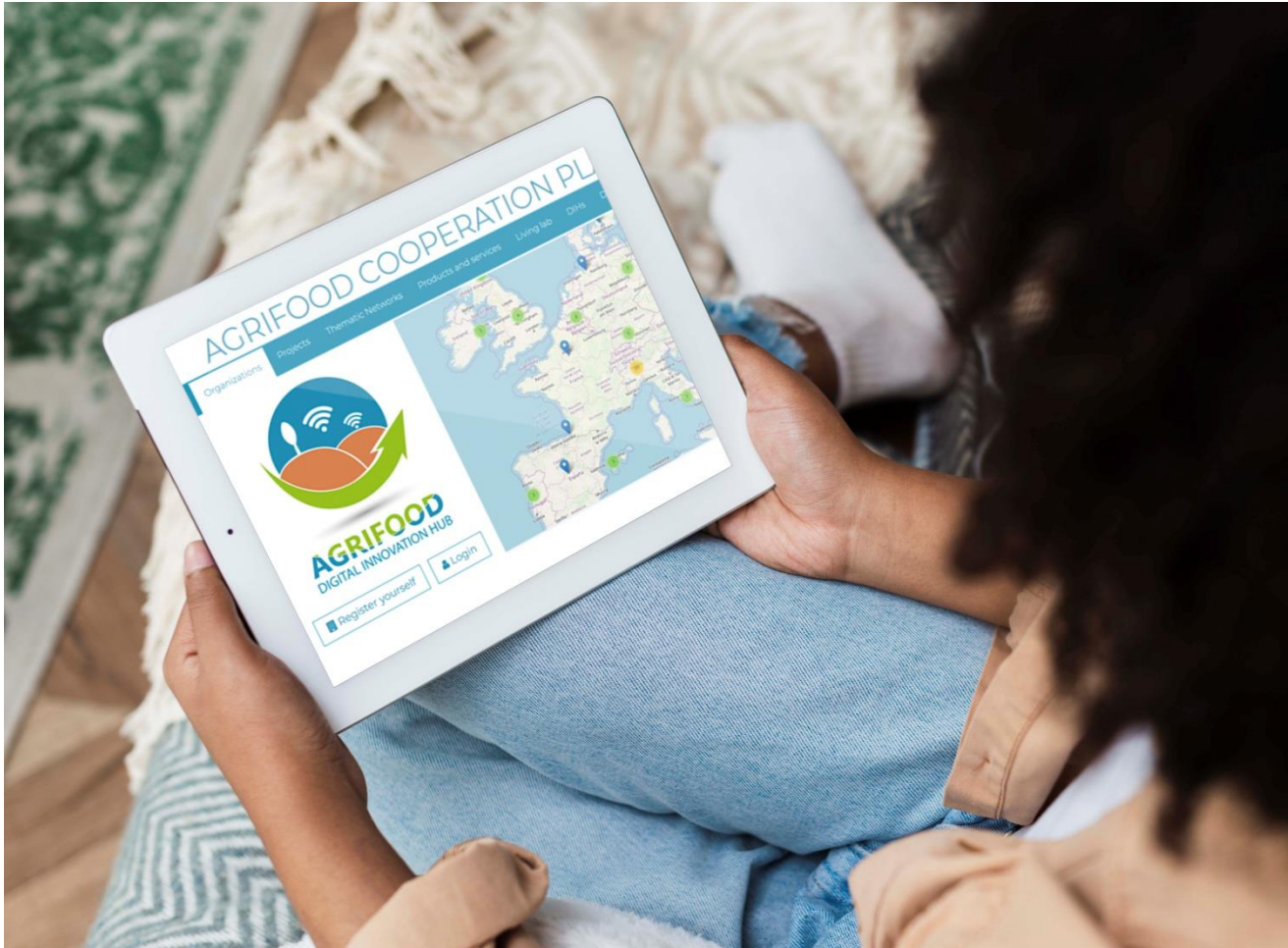
Location: bordering to Austria, Hungary & Croatia

Inhabitants: 117.000 inhabitants
(roughly 5% of the Slovenian population)

Green point short food supply chain

- Founded by farmers!
- Delivering to **public institutions** (kindergartens, schools, hospitals, elderly homes), **HORECA** and **citizens** (online, retail store, door-to-door delivery)
- **Aiming at:** Achieving **economically sustainable, socially responsible and environmentally friendly** regional food system
 - Local food and produce marketplace
 - Data driven IT platform to support food system actors
 - Blockchain based traceability
 - Circular economy models
 - Zero Food Waste and Loss models
 - Zero GHG logistics and Delivery system





The COLLABORATION and NETWORKING platform, based on FACILITATION, hosting:

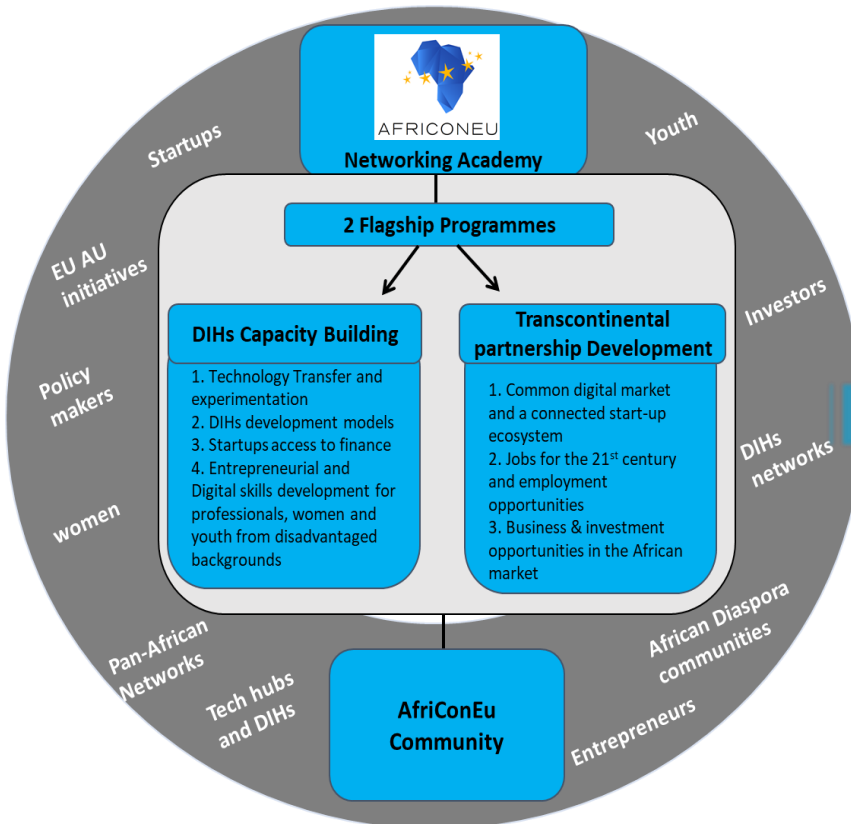
Organizations	> 850, reaching > 6.000
Projects	> 30 projects
Innovation Networks	5 IN
Products and Serv.	>170 P/S
Living lab	>20 Living Lab cases
DIHs	>70 DIHs
SME/Startup support	>130 support organizations
Facilitators	24 from 10 countries

It is open, free, participatory based global platform!

AfriConEU



The AfriConEU aspires to create the first Trans-Continental Networking Academy to support African and European Digital Innovation Hubs in capacity building, knowledge sharing, networking, collaboration, joint projects, and venture development



Ghana



Uganda



Nigeria



Tanzania



643

ESTIMATED ACTIVE HUBS



41%



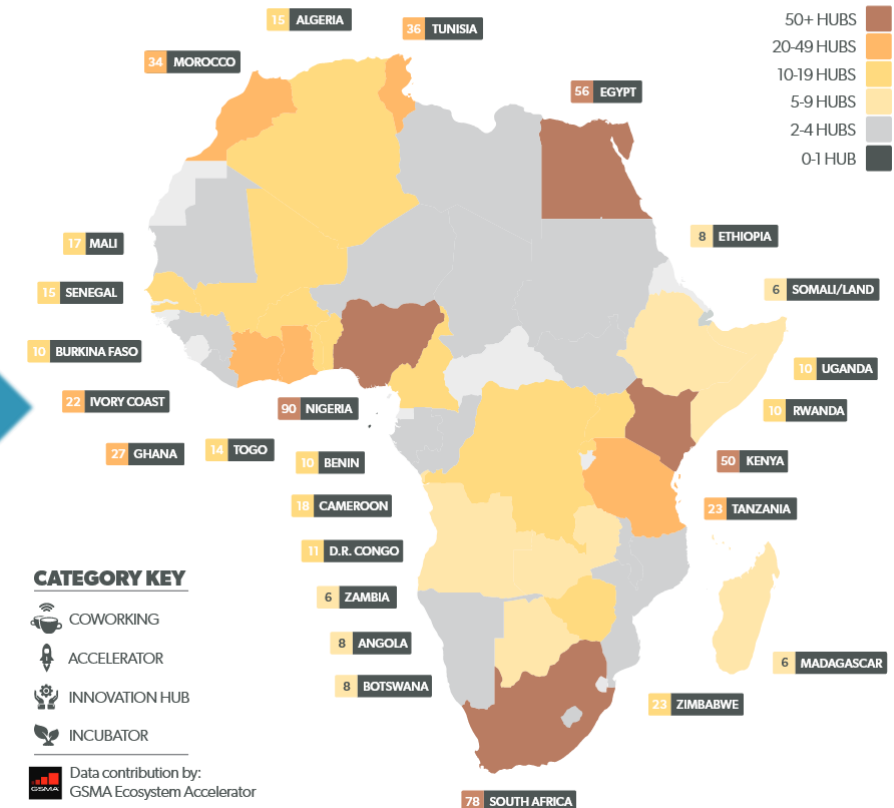
24%



14%



39%





“first-of-a-kind” worldwide network of clusters along the food value chain working to mitigate climate change



18%
SUPPLY CHAIN



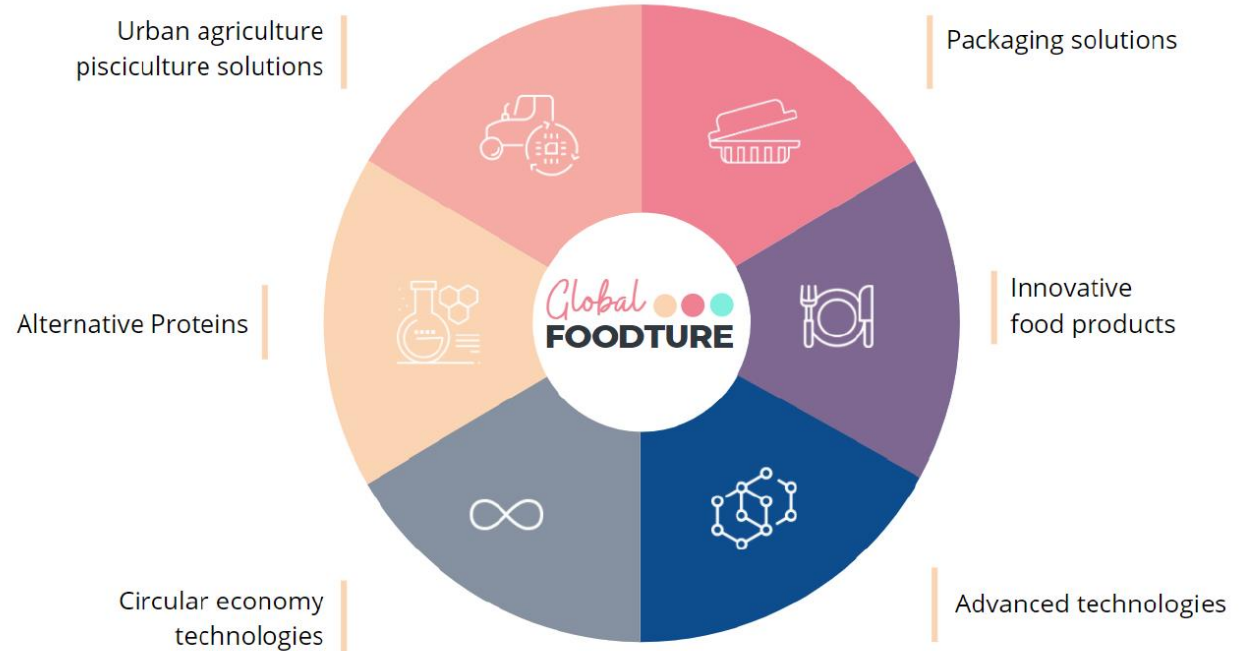
31%
LIVESTOCK



27%
CROPS



24%
LAND USE



Thank you for your attention!

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<https://mapping.dih-agrifood.com>



The End

