online, 5.10.2021

Regions and Cities Fostering the Circular Transition #3

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CIRCULAR PILOT PROJECTS – EXPERIENCE

Circular Pilot in Košice - Slovakia

Agrifood value chain - Circular Economy solutions

Circular Pilot in Varazdin - Croatia

Blueprint from the field Bioeconomy circular economy solution

Circular Pilot in Udine - Italy

Industrial symbiosis and Circular economy solution

Circular Pilot in Kranj - Slovenia

Circular economy within urban regeneration & management

Circular Pilot in Dornbirn - Austria

Circular Economy principle in the domain AM and inteligent production

LESSONS LEARNED IDENTIFIED

Analysis of potential activities need to be thoroughly implemented and evaluated

Scale up local initiatives

Personal contact and good relationships with representatives of all relevant stakeholders need to be built

We need to adjust to lack of CE knowledge with proper approach

Choosing good experts is the key to successful implementation.

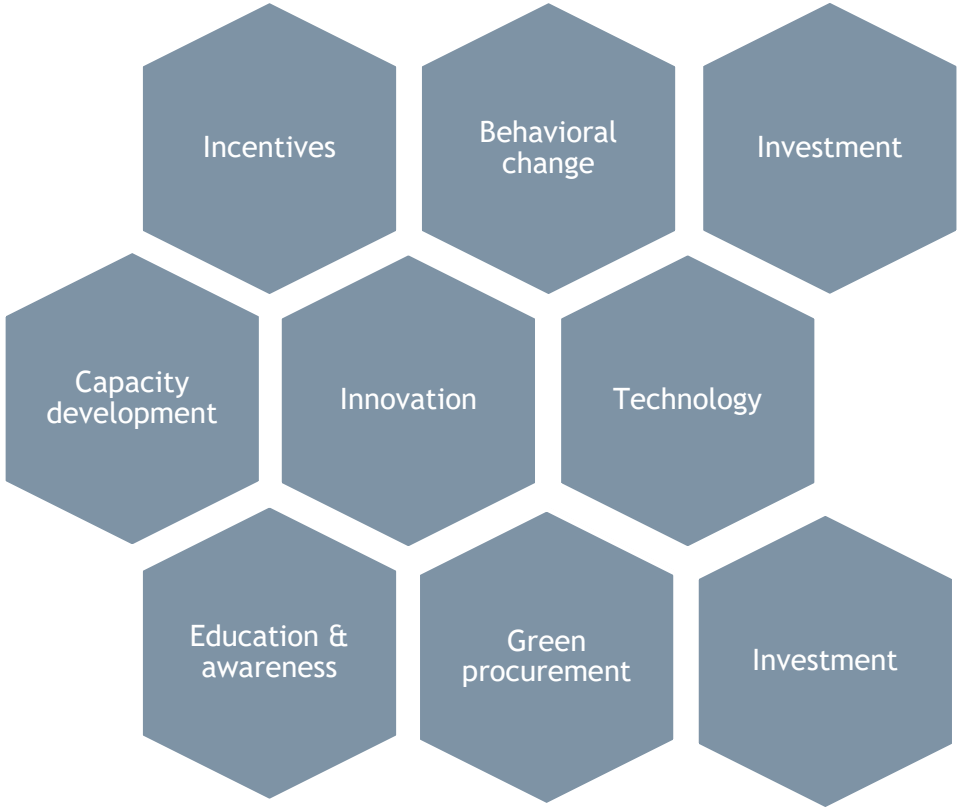
Promotion of circular economy both in manufacturing and non manufact. sectors is crucial.

Attention should be paid to movements form pilot projects to scale -up, and how should it be processed.

A regular monitoring of waste generation and handling in the park is important to secure environmental standards and the goal to minimize waste

Transformation green concept connected with city/region strategy

ISSUES

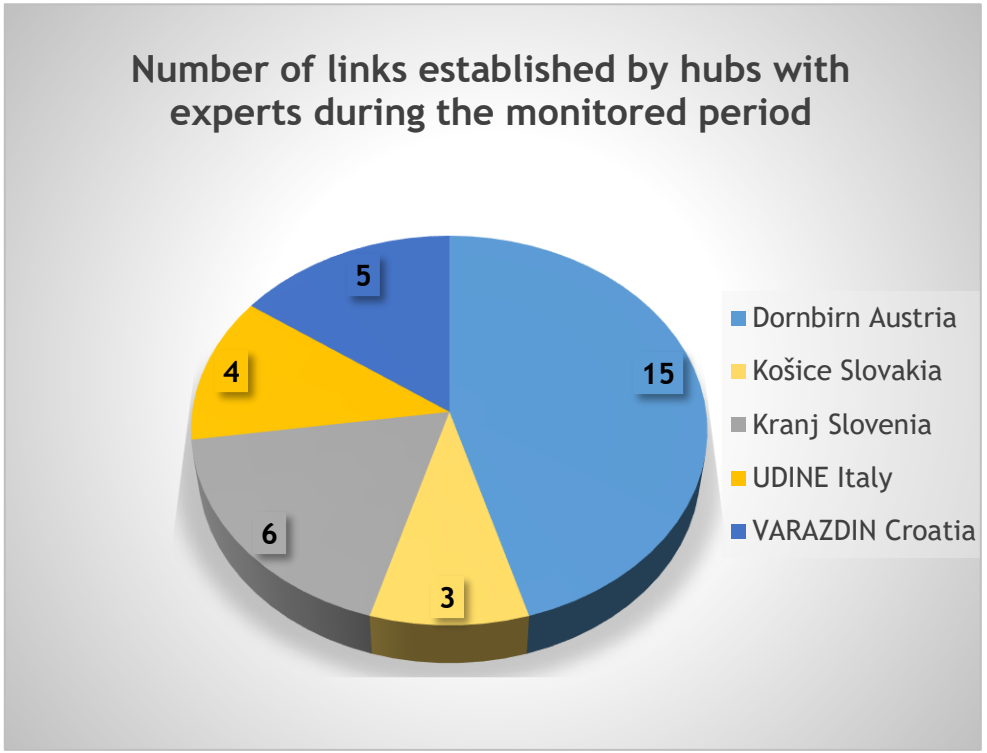

Incentives
Behavioral change
Investment
Capacity development
Innovation
Technology
Education & awareness
Green procurement
Investment

INTRODUCTION TO CE HUBS´EVALUATION

KNOWLEDGE + COLLABORATION

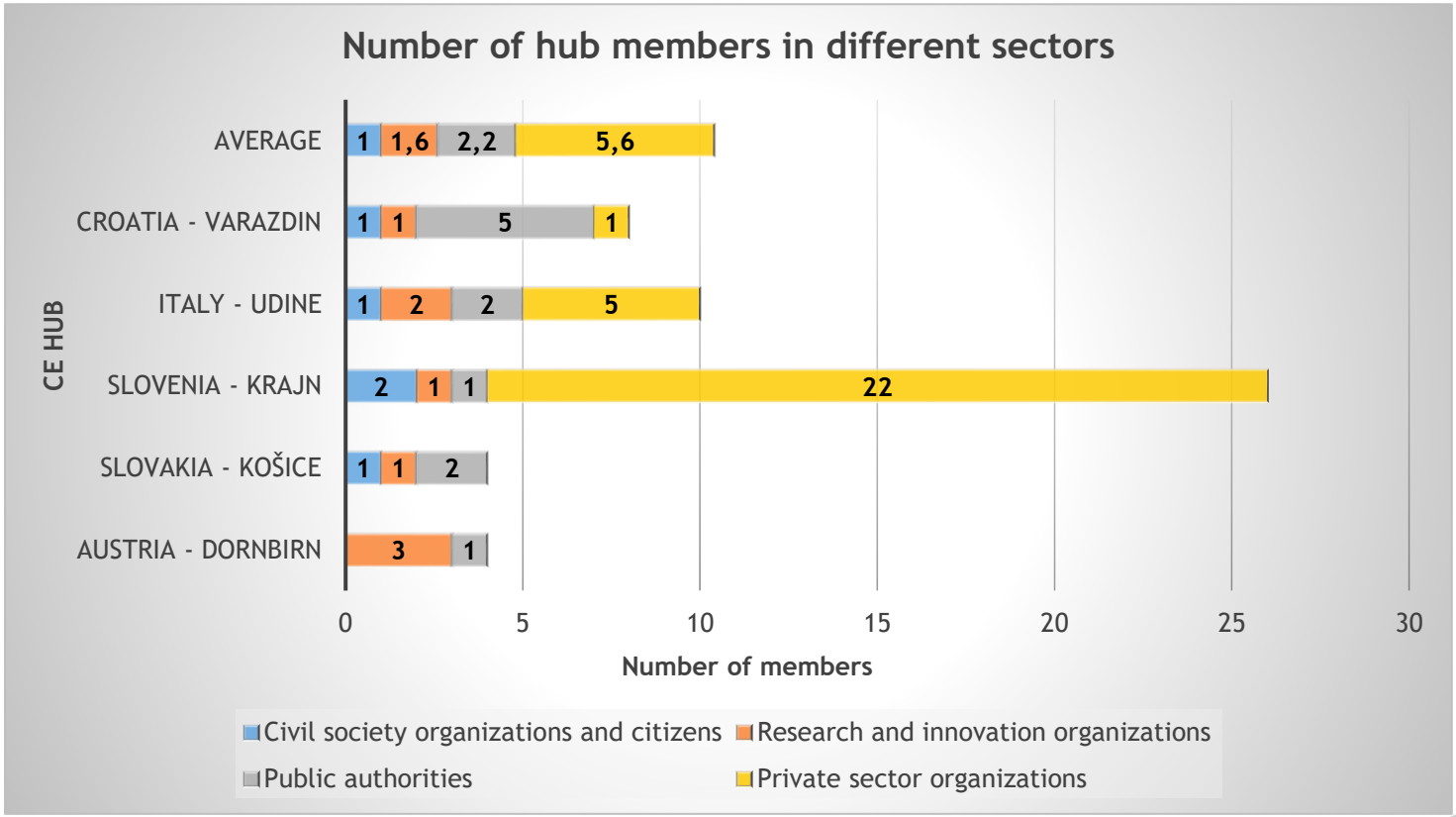
Nr.	Performance Indicators - Knowledge and Innovation	Type
1.	Variety and diversity of expertise available within the hub	Qualitative
2.	Adoption and use of digital technology for hubs services	Qualitative
3.	Number of links established by hub with experts during the monitored period	Quantitative
4.	Number of awareness raising campaigns implemented during the monitored period	Quantitative
5.	Number of persons reached by awareness raising campaigns implemented during the monitored period	Quantitative
6.	Number of trainings implemented during the monitored period	Quantitative
7.	Number of trained persons during the monitored period	Quantitative
8.	Number of consultations provided in the thematic fields of circular economy during the monitored period	Quantitative
9.	Number of consultations provided in the field of projects preparation and administration during the monitored period	Quantitative
10.	Number of ideation/co-design events organized or co-organized during the monitored period	Quantitative
11.	Number of mentoring relations conducted during the monitored period	Quantitative
12.	Number of technological and non-technological innovative solutions/services/products that reached TRL 1-2 - Basic research during the monitored period that were supported by the hub activities	Quantitative

CE HUBS´ EVALUATION - HIGHLIGHTS



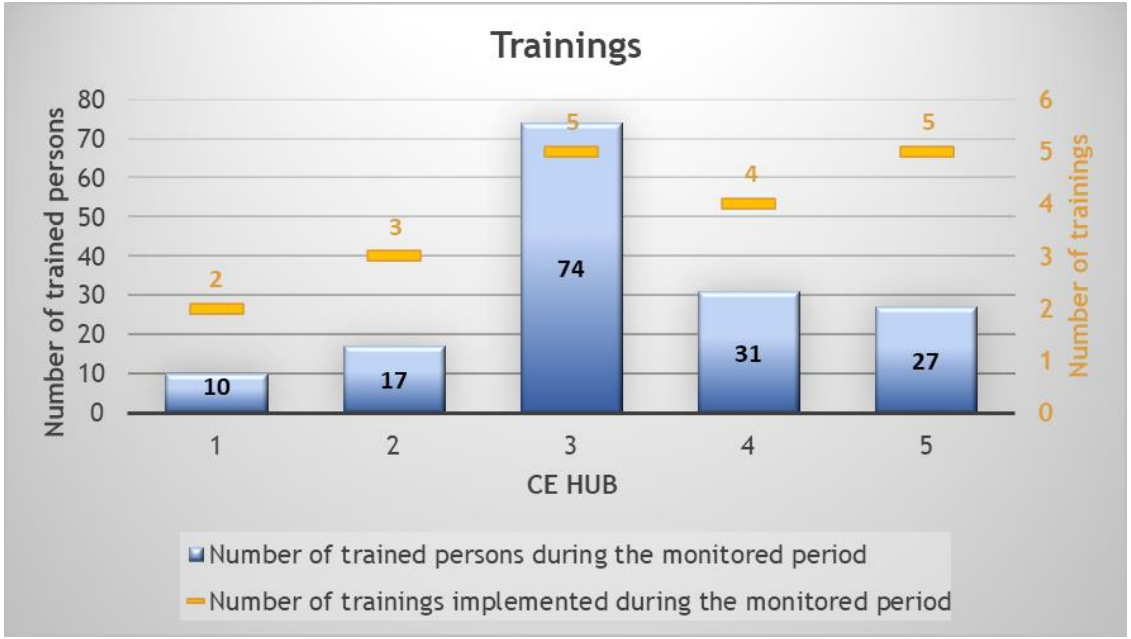
However, since there was no question for further specification, there is no knowledge about the intensity of these relations.

CE HUBS´ EVALUATION - HIGHLIGHTS



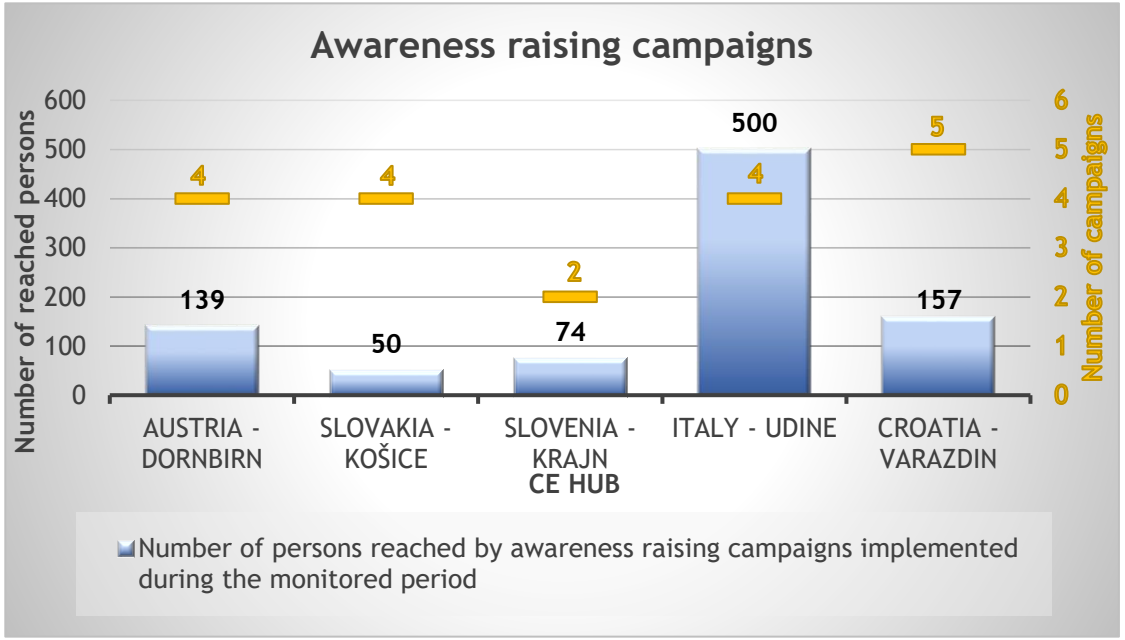
CE HUBS´ EVALUATION - HIGHLIGHTS

The number of trainings implemented during the monitored period and the number of trained persons during the monitored period.



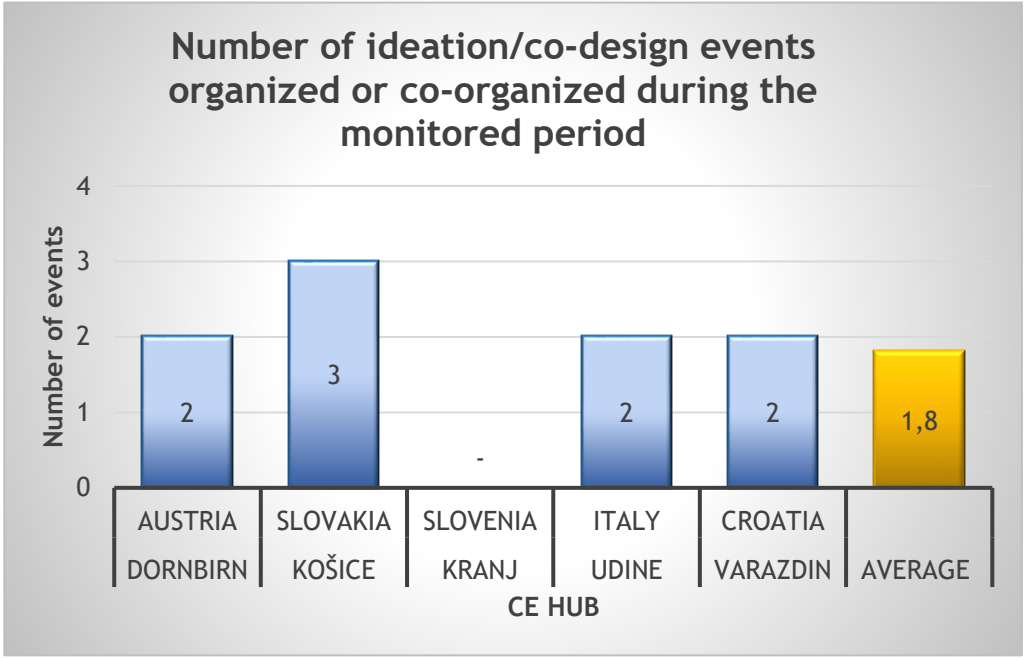
CE HUBS´ EVALUATION - HIGHLIGHTS

Altogether there were 19 campaigns implemented in the hubs that reached almost a thousand persons (exactly 920). Exact numbers for each hub are shown in the chart.



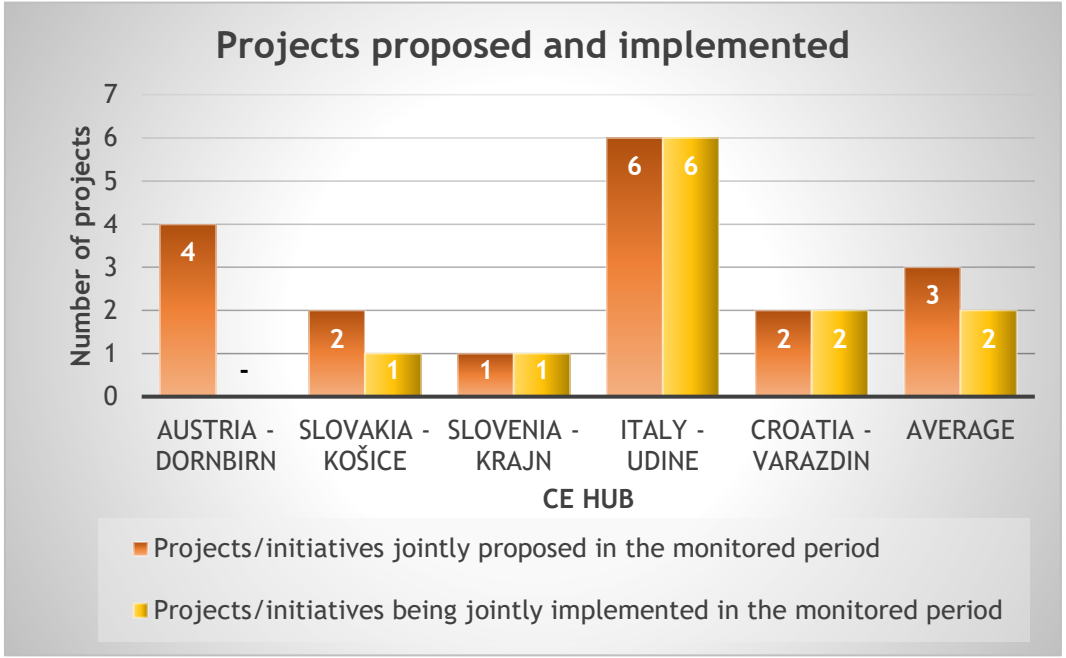
CE HUBS´ EVALUATION - HIGHLIGHTS

Another indicator to evaluate the success of hubs was the number of ideation/co-design events organized or co-organized during the monitored period.

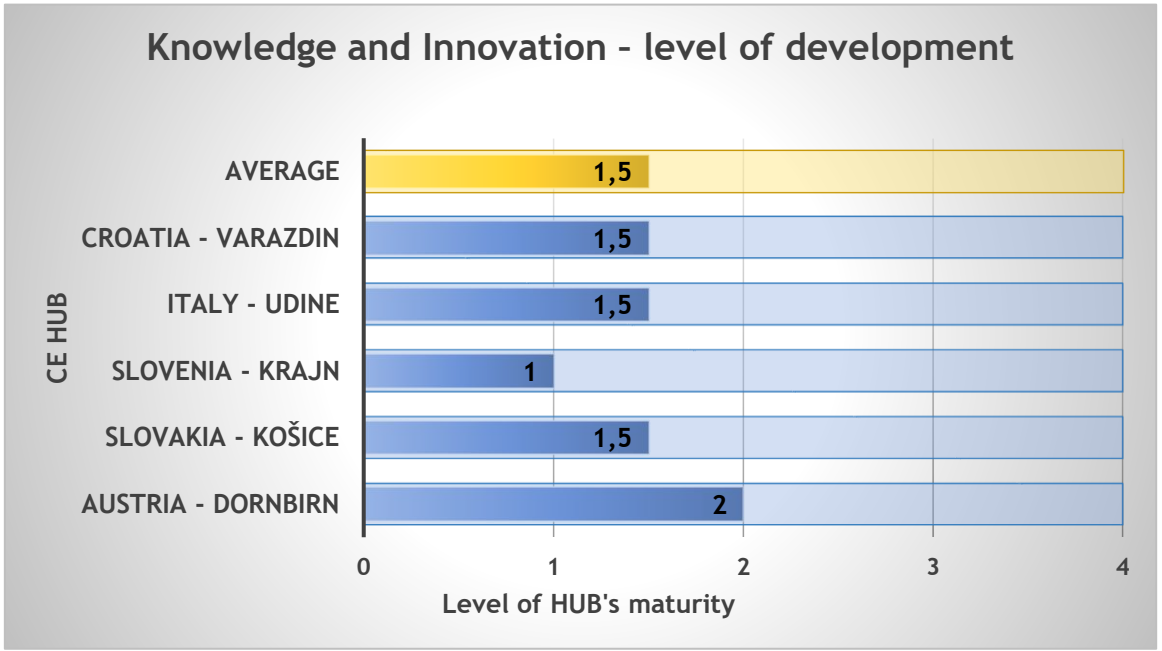


CE HUBS´ EVALUATION - HIGHLIGHTS

This chart shows the number of projects/ initiatives jointly proposed in the monitored period (orange columns) and the number of projects/ initiatives being jointly implemented in the monitored period (yellow columns).



DEVELOPMENT LEVEL - KNOWLEDGE



Level 1

Beginner

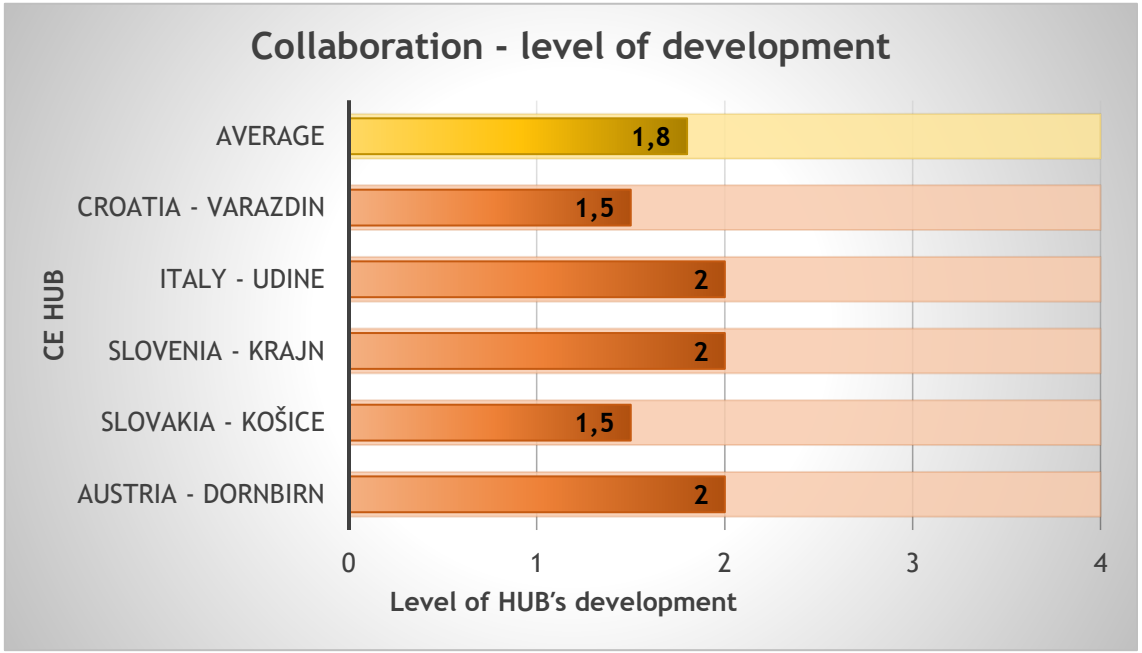
- Importing knowledge from others
- Raising awareness and providing information

Level 2

Builder

- Structured the knowledge exchange and capacity building
- Infrastructure for knowledge sharing available
- attemps to replicate best practices

DEVELOPMENT LEVEL - COLLABORATION



Level 1

Beginner

- Small community with leader
- Communication established billateral basis between leader and members
- Initial networking activities wihin existing networks

Level 2

Builder

- Small community with common goals, enlarged by supporting stakeholders
- Fluent communication among core community
- Initiating joint structured networking activities towards external environment

IMPORTANT INITIATIVES AROUND

TAXONOMY

What is the EU taxonomy?

The EU taxonomy is a classification system, establishing a list of environmentally sustainable economic activities. It could play an important role helping the EU scale up sustainable investment and implement the European green deal. The EU taxonomy would provide companies, investors and policymakers with appropriate definitions for which economic activities can be considered environmentally sustainable. In this way, it should create security for investors, protect private investors from greenwashing, help companies to become more climate-friendly, mitigate market fragmentation and help shift investments where they are most needed.

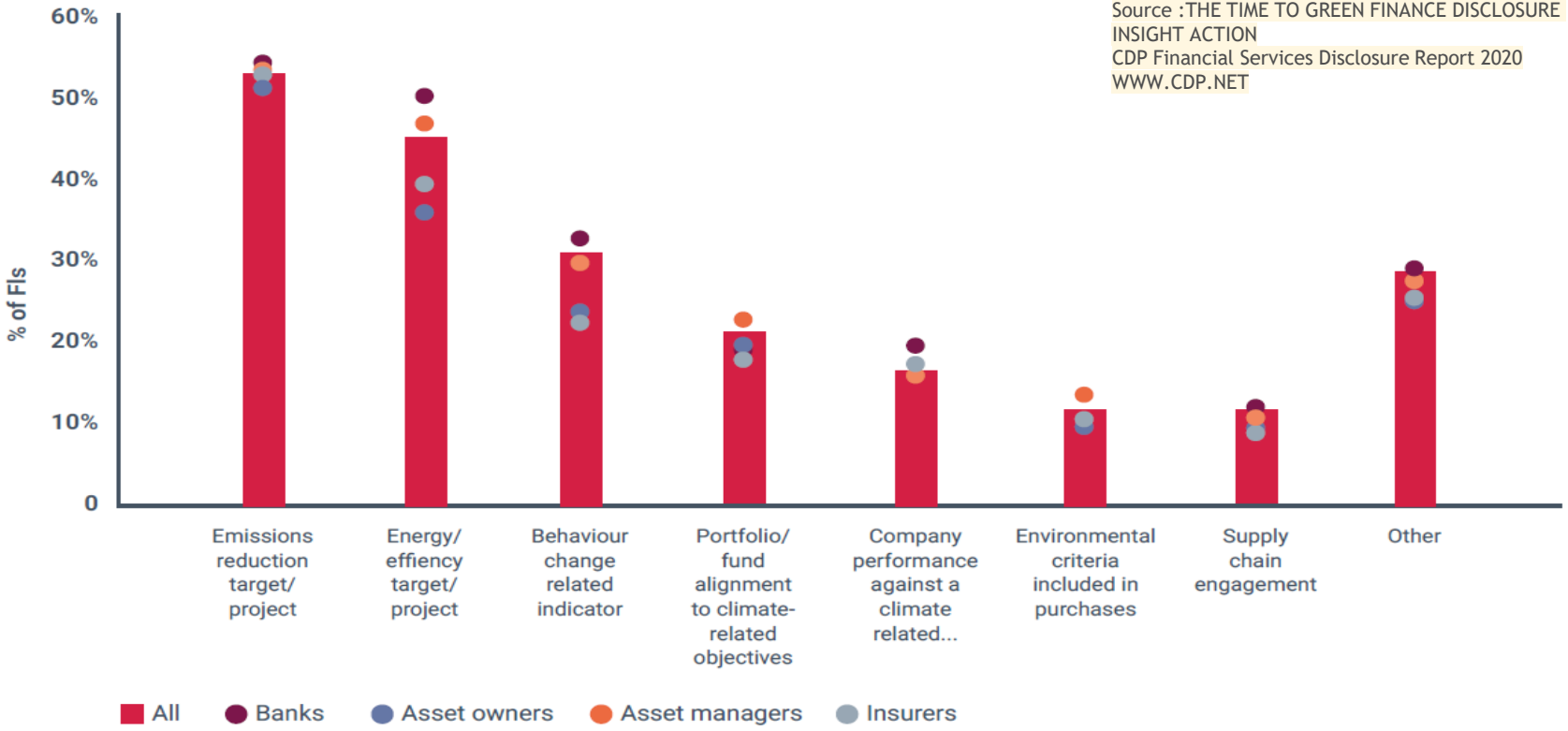
Why do we need an EU taxonomy?

In order to meet the EU's climate and energy targets for 2030 and reach the objectives of the European green deal, it is vital that we direct investments towards sustainable projects and activities

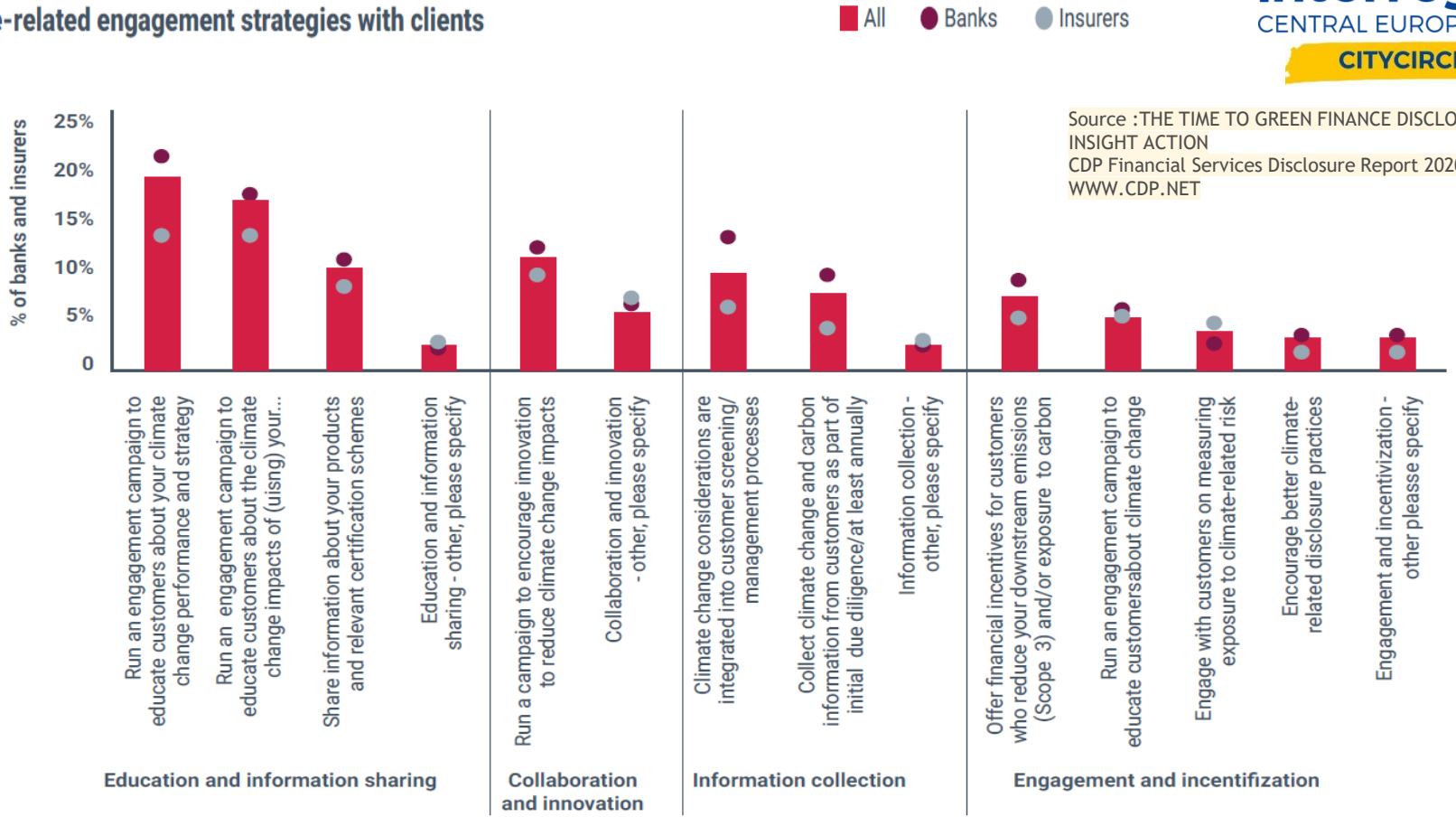
https://ec.europa.eu/info/business-economy-euro/banking-and-finance/sustainable-finance/eu-taxonomy-sustainable-activities_en

Activity(s) incentivised by incentives for the management of climate-related issues

Source :THE TIME TO GREEN FINANCE DISCLOSURE INSIGHT ACTION
CDP Financial Services Disclosure Report 2020
WWW.CDP.NET



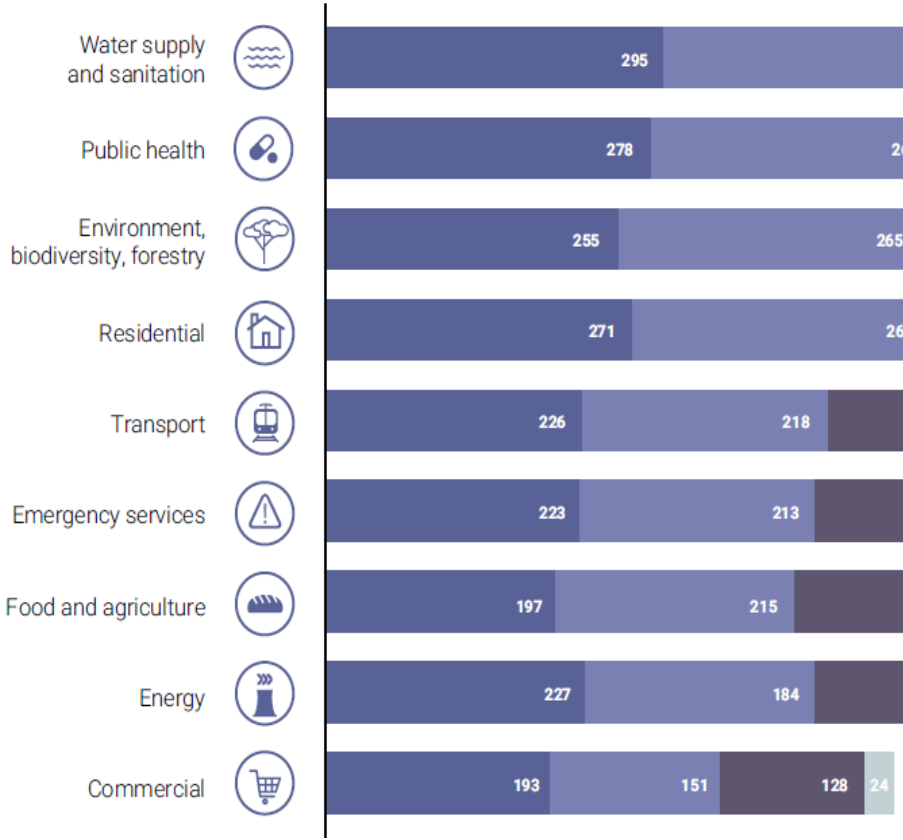
Climate-related engagement strategies with clients



Source :THE TIME TO GREEN FINANCE DISCLOSURE INSIGHT ACTION
CDP Financial Services Disclosure Report 2020
WWW.CDP.NET

GREEN PRIORITIES OF CITIES

Source: CITIES ON THE ROUTE TO 2030
Building a zero emissions, resilient planet for all www.cdp.net



Source: CITIES ON THE ROUTE TO 2030 Building a zero emissions, resilient planet for all www.cdp.net

Cities' services and assets most affected by climate change

# of cities reporting services affected by climate hazards, broken down by the timescale in which the city expects to experience a change in frequency and intensity of the hazard

Immediately | Short-term (by 2025) | Medium-term (by 2026-2050) | Long-term (after 2050)

Where cities should focus their efforts

Most commonly reported actions cities are implementing to achieve their targets and reduce emissions (% of total and number of cities reporting each action)

34% | 276
implement energy efficiency/ retrofit measures

21% | 173
use low or zero carbon energy supply generation

20% | 162
use on-site renewable energy generation

19% | 156
are installing LED/ CFL/ other luminaire technologies

18% | 146
are improving fuel economy to reduce CO_2 from motorized vehicles

17% | 142
implement building codes and standards

16% | 126
are planning green space and/or biodiversity preservation and expansion

15% | 118
are building recycling or composting collections and/or facilities

14% | 116
separate recyclables and organics from other waste

13% | 107
are developing infrastructure for non-motorized transport

83% of cities are not implementing actions to reduce emissions in all four areas of highest impact

50% | 406
of cities are optimising energy use in buildings

42% | 339
of cities are enabling next-generation mobility

34% | 278
of cities are decarbonizing the electricity grid

33% | 271
of cities are improving waste management

THANK YOU...

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European Regional Development Fund
CITYCIRCLE

REGIONS AND CITIES FOSTERING THE CIRCULAR TRANSITION

13:00 – 13:05	Arrival of participants
13:05 – 13:30	**Introduction | Look back at lessons learnt at 2nd workshop | Highlights from circular economy hubs assessment**
13:30 – 13:45	**Circular Pilot in Košice, Slovakia** Supporting the agri-food value chains and food service sector towards implementation of circular economy solutions and models.
13:45 – 14:00	**Circular Pilot in Varaždin, Croatia** Valuable blueprint from the field of Bio-economy for policymakers to stimulate the progression from a linear towards circular economy.
14:00 – 14:15	**Circular Pilot in Udine, Italy** Elaborating on the potential of industrial symbiosis and circular economy exploiting the thermal waste and fuels deriving from the construction of waste treatment plant.
14:15 – 14:30	**Circular Pilot in Kranj, Slovenia** Exploring the circular economy principles within the management of land enabling urban regeneration in collaboration with land-owners and users.
14:30 – 14:45	**Circular Pilot in Dornbirn, Austria** Elaborating on the potentials of circular economy principles in the domain of advanced manufacturing and intelligent production.
14:45 – 15:00	**Lessons learnt identification | Conclusion**

BEING RECORDED

TURN OFF MICS

TURN ON CAMERAS

QUESTIONS AND REMARKS