ECOS4IN SWOT ANALYSIS

ÚSTÍ REGION, CZECH REPUBLIC
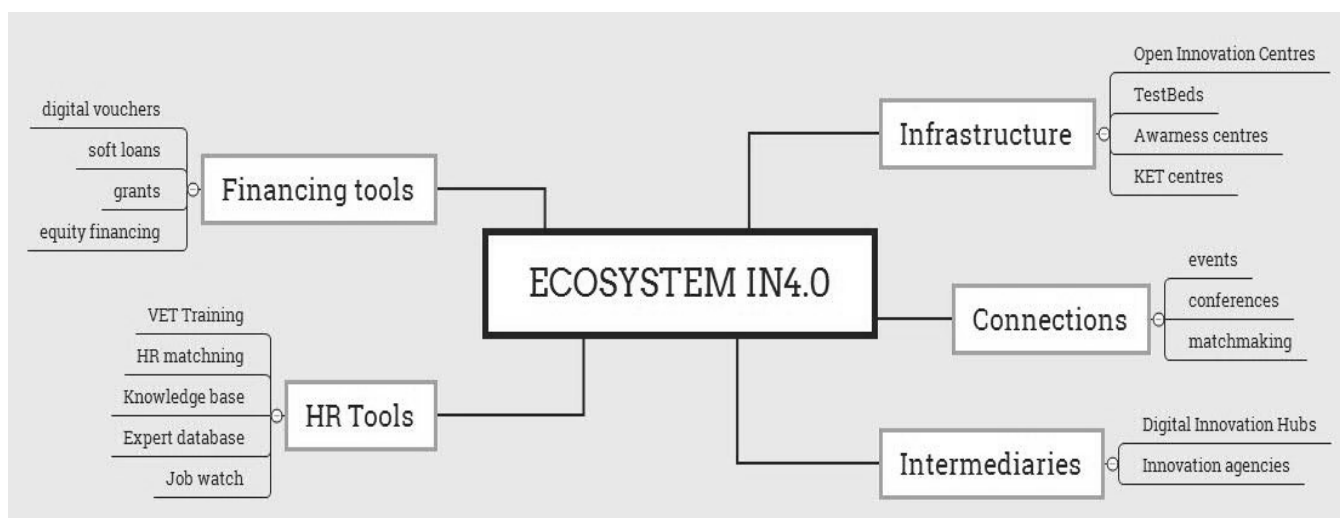
Deliverable D.T2.2.1

Version 1

04/2020

1. Reason

Each partner region will perform SWOT analysis, Deliverable T 2.2.1., delivery date 04/2020.

Analysis will provide mode detailed information how the partner regions currently handed with Industry 4.0 transformation.

2. SWOT Structure

There is first simple ecosystem model. Deeper description will be available soon.

Please prepare SWOT analysis for each mind map branches, see templates below.

3. Templates

3.1. Infrastructure

Strengths	Weaknesses
Strong capacities and network to neighbouring regions /CIIRC Prague, Saxony/ Several municipalities are active in preparation 5G networks for IoT infrastructure Active Innovation centre (ICUK) New equipment in "Youth technical clubs" network	No testbed direct in region Missing "awareness centres" Relatively weak research capacity in ICT (infrastructure)
Opportunities	**Threats**
Founding new 3D Lab on Usti University KET centre in nanotechnology in preparation Infrastructure in chemistry sector with potential for test bed (Unipetrol and Chemical University)	Competition with other regions about national and European financial resources for investment.

3.2. Connections – networks

Strengths	Weaknesses
System of events organized by ICUK Regional Innovation prize Active ecosystem stakeholders	Engaging of small companies from low tech industries in digitalization Visible "flag „conference or event
Opportunities	**Threats**
Cooperation with Saxony and other interregional cooperation Demand from mid tech SME Cooperation with National Center Industry 4.0	Low cooperation culture in medium and low tech SME

3.3. Intermediaries

Strengths	Weaknesses
Regional Innovation centre is active in preparation DIH Cooperation with national SME agency Czechinvest Involvement of "Industry association"	Stronger coordination Stronger involvement of regional politicians and decision makers Visualisation of available Information. Nonexistence of clusters
Opportunities	**Threats**
Better distribution of information to target groups Quadruple helix approach (consumers, trade unions)	Other priorities for regional politicians Distrust between companies (clustering)

3.4. HR tools

Strengths	Weaknesses
Flexible workforce School 4.0 system Network of "youth technical clubs"	Low activity in elementary schools Differentiation of Universities and Applied science Universities targets.
Opportunities	**Threats**
Increasing of technical education on regional University (UJEP) Quality, not quantity approach Industrial tradition	Missing qualified people in region Image of VET

3.5. Financial tools

Strengths	Weaknesses
Regional innovation/digital vouchers Regional information system for national funding	Missing financial schemes for soft equity financing Bureaucratic and non-effective system for requalification and financing and social innovations Proof of concept financing scheme
Opportunities	**Threats**
National and European system of funding Business angels networks and equity capital attracting Region is transitive region (coalmine region), opportunity for funding in next EU period.	Too much bureaucracy in national funding Competition with other regions Competition with other topics (transport infrastructure, health system etc.)