Outokumpu Mining Camp-Mining Regions strategic approach

Ilkka Nykänen Business Joensuu, North Karelia 9th of April 2019



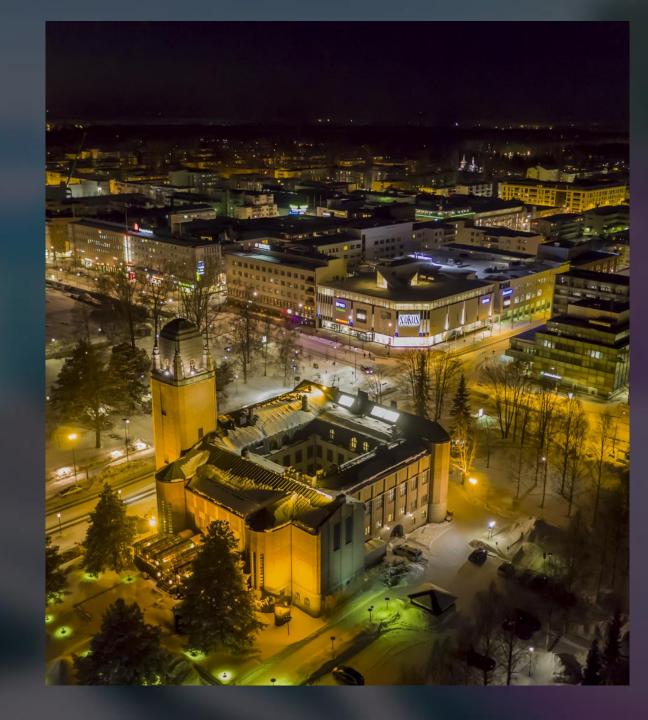
Structure of the presentation

- Business Joensuu
- Personal background
- Business Joensuu network mapping
- Outokumpu Mining Camp
- Mining industry S3 partnership
- Key points and future mission



Business Joensuu Oy

Supporting companies to grow and become international, providing expertise to help to invest and relocate



Targets.

- Companies grow and become international
- 2. New successful companies and entrepreneurs
- 3. Strengths of the region are known nationally and internationally, new investments and professionals

Purpose.

Growth, jobs and companies with solid business enable good living for us all

Seen through my own eyeglasses

- Entrepreneur for 20 years in construction business
- CEO of Finnish Stone Center 10 years
- Mining and natural stone related business and projects over 15 years
- Worked with European union projects since 1996
- Personal experience of entrepreneurship and EU projects
- Understanding of challanges between businesses and EU – projects

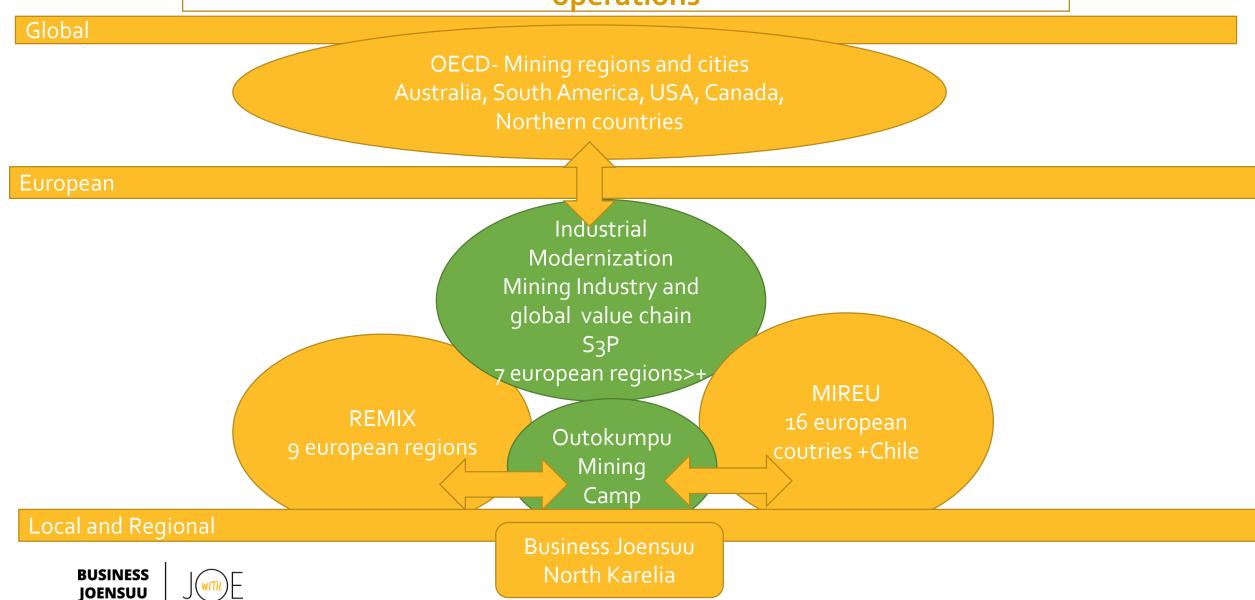




Entry to the subject of the day...

- ☐ The World is changing rapidly and competition between continents is increasing
- ☐ Changing competitive situation requires companies to develop new approaches to survive and make new business
- ☐ The Commission has launched new instsruments in order to support businesses
- ☐ No one will be able to survive alone
- ☐ Strengthening cooperation within Europe is necessary

International Network of Business Joensuu Mining related operations



Outokumpu Mining Camp

- History
 - The city of Outokumpu has a unique mining history from the beginning of 20th century with its success and fall.
 - The second largest copper mine in Europe until 1989 when it was closed after 79 years of mining
- Problems addressed
 - The old mining area is suffering from waste problems, unemployment, population aging and lack of faith of future





Opportunities

- In the city of Outokumpu exists a great mining related know-how inside one square km;
- FinnCobalt, cobalt mine project
- **Mintec**, research laboratory of Geological Survey of Finland
- Industrial Park of Outokumpu
- **Old Mine**, Outokumpu mining heritage center



Mining workers' Vocational School started in 1950's Mining workers training tradition

Old Mine and Mining Museum

Social Licence of Operate in Mining Industry

BU

FINNCOBALT-Cobalt-Nickel-Copper Mine Project

Outokumpu Mining Camp -cluster

University of Eastern Finland- UEF

Revitalisation of the Outokumpu
Mining Camp

Aiming to produce responsible and traceable chemicals for the battery industry

Geological Survey of Finland Pilot Plant and Mineral Processing Laboratory

The Mineral processing Laboratory provides research services to the mining industry

Outokumpu Industrial Park

> nas been operating for over 30 years as an organizer of business in Outokumpu

Measures to be done...

- Have started a long term development process with OECD in Outokumpu area, which includes:
 - Identifying regional strengths of Outokumpu,
 - Identifying possible development paths based on the regional strengths
 - Identifying potential partners in order to create development processes
 - Applying funding for the projects



Mining Industry and global value chain S₃P- initiative

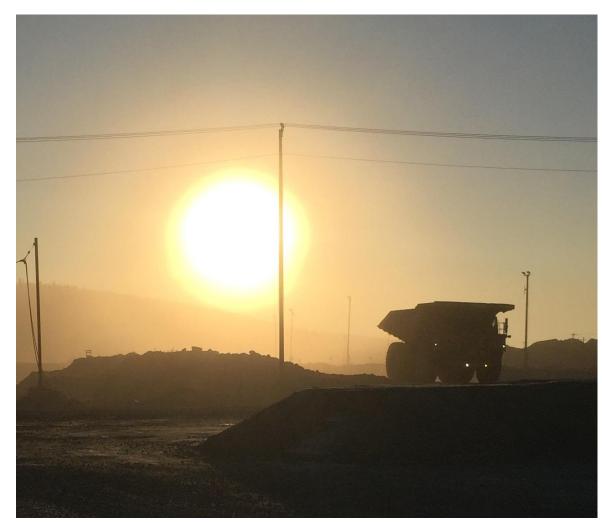
- Partnerships are coalitions of committed regions that search for alignment and upscaling of smart specialisation investments.
- Through thematic platforms, the European Commission helps partnerships achieve their investment objectives in a specific area.
- The aim of the partnership is
 - To boost innovation and investment projects through inter-regional cooperation of innovation actors working beyond borders
 - To enable development of project investment pipelines using economies of scale and scope possible only at EU level
 - To build synergies with other regional, national and European initiatives (Horizon 2020, COSME, EFSI etc)





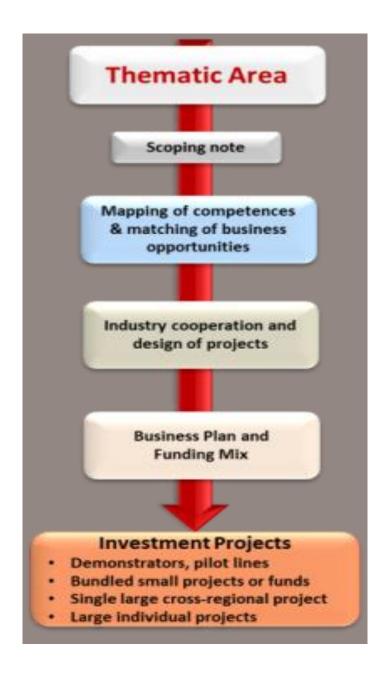
Preliminary thematic areas for S₃P Mining industry

- Critical raw material production
- Empowerment of SMEs in Global Value Chains
- New technologies and sustainable mining
- Social acceptance of mining through stakeholder involvement
- Education and training in mining and related industries



The process

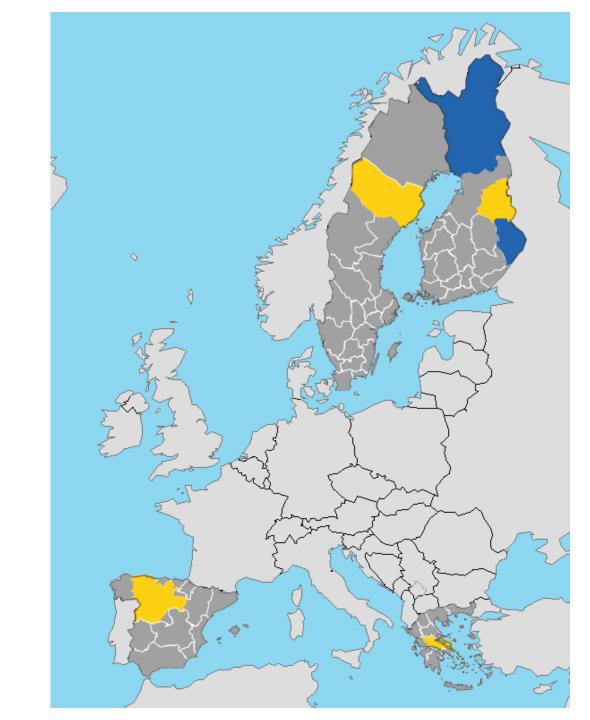
- Phase o Preparatory steps for setting up a Thematic Area
- Phase 1 Mapping of competences and matching of business opportunities
- Phase 2 Industrial cooperation and design of concrete investment projects
- Phase 3 Business Plan and Funding mix





Participating regions

- North Karelia (FI), leading region
- Castilla y Leon (ES)
- Lapland (FI), co-leader
- Kainuu (FI)
- Sterea Ellada (EL)
- Vasterbotten (SE)
- Asturias (ES)





Key points and future mission

- A long term co-operation between regions is necessary for greating better future and well being
- SMEs is a key factor in creating future prosperity
- The gap between businesses and EU projects should be reduced



Thank you for your attention

