



# REMIX

Interreg Europe



European Union  
European Regional  
Development Fund

Smart and Green  
Mining Regions of EU



## Action Plan North Karelia, Finland

**BUSINESS  
JOENSUU**



Research &  
innovation

Leading the European policies  
towards more sustainable mining

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# Development of international cooperation, businesses and investment projects in global value chains in mining industry – GloMine

## 1. General information

**Project:** REMIX – Smart and Green Mining Regions of EU

**Partner organisation:** Business Joensuu Oy

**Country:** Finland

**NUTS2 region:** East and North Finland

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## 2. Policy context

### **The Action Plan aims to impact:**

- Investment for Growth and Jobs programme
- European Territorial Cooperation programme
- Other regional development policy instrument

### **Name of the policy instrument addressed:**

Sustainable growth and jobs 2014-2020 - Finland's structural funds programme, Priority axis 2: Producing and using the latest knowledge and skills (ERDF), Specific objective 4.1: Developing research, competence and innovation clusters that draw from regional strengths.

### **Further details on the policy context and the way the action plan should contribute to improve the policy instruments:**

Sustainable growth and jobs 2014-2020 - Finland's structural funds programme has five priority axes and 13 specific objectives. Each project must deliver at least one of these specific objectives. The programme's Managing Authority – Regional Council of North Karelia in our region – finance ERDF projects not only in priority 4.1 Developing research, competence and innovation clusters that draw from regional strengths but also in priority 5.1 Strengthening innovation in enterprises. Priority 4.1 projects has been more implemented by educational establishments/ organisations and research institutions (for example University of Eastern Finland, North Karelia University of Applied Sciences and Joensuu Science Park Ltd), whereas priority 5.1 projects more implemented by development organisations (for example previous Joensuu Regional Development Company JOSEK Ltd, present Business Joensuu Oy) and other business oriented organisations.

State of play of the policy instrument Sustainable growth and jobs 2014-2020 – Finland’s structural funds programme in North Karelia, including priority axes 4.1 and 5.1:

**Priority axe 4.1:**

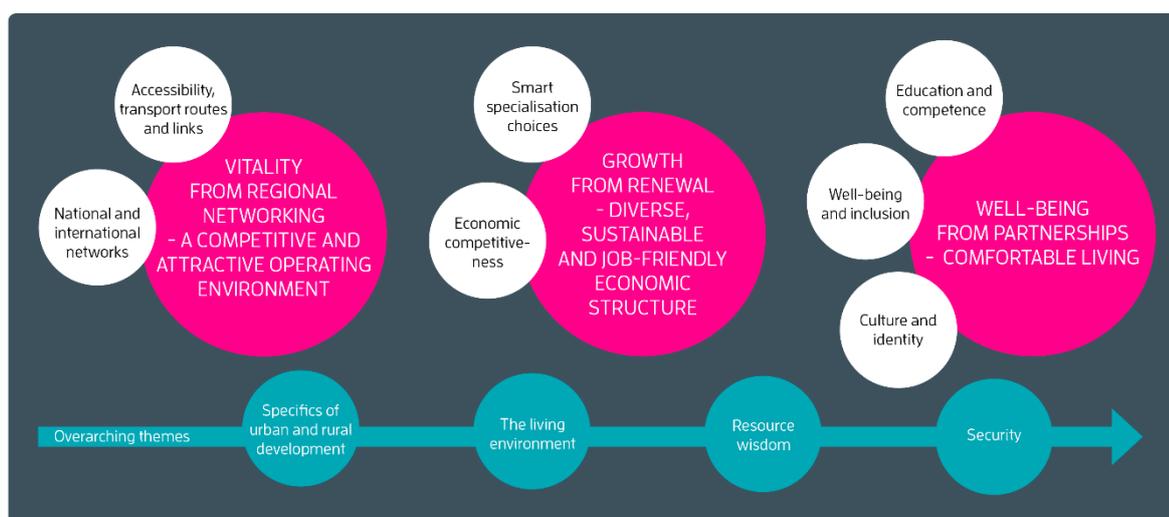
- Totally 55 projects have been funded so far in North Karelia, total budgets about 22,2 MEUR and subsidies about 16,1 MEUR

**Priority axe 5.1:**

- Totally 56 projects have been funded so far in North Karelia, total budgets about 18 MEUR and subsidies about 14,5 MEUR

Funded projects in priority axes 4.1 and 5.1 have been / are focusing on several themes, e.g. forest bio economy, wood construction, energy efficiency, digitalisation, nanotechnology, tourism, creative industries, technology industry and mining sector. Regional development and funding authority, Regional Council of North Karelia, finance projects which implements not only the policy instruments - Sustainable growth and jobs 2014-2020 - Finland’s structural funds programme – but also Regional Strategic Programme. It states the regional development objectives, which are based on the characteristics and opportunities specific to the region in question. Programme is drawn up for a four-year period. The POKAT 2021 North Karelia Regional Strategic Programme is for the period 2018 – 2021.

## POKAT 2021 FOCUS AREAS



**Figure 1:** The POKAT 2021 North Karelia Regional Strategic Programme's focus areas.

Business development projects implements mainly Growth from renewal focus area, which include also smart specialisation choices of North Karelia. Mining and stone processing belongs to smart specialisation's Technologies and materials priority. Based on the discussions with Regional Council of North Karelia, project funding criteria will focused more on smart specialisation choices as well as cooperation between different regions and actors (one example is GloMine project, described in Action 2 in this Action Plan).

Action Plan targets a better implementation of the policy instrument Sustainable growth and jobs 2014-2020 - Finland's structural funds programme and the concrete actions in the plan. It will be linked to SMEs service development (research and innovation) operating in mining value chains. There is a clear identified need in the region to foster the growth of mining related SMEs and service companies.

This action plan includes two main actions; first focusing on EU level and second on regional level. These actions are linked to each other. Action 2 will contribute to improving the policy instrument addressed.

# 3. Action 1: EU level Smart Specialisation Thematic Platform for industrial modernisation – Mining industry and global value chains

## 3.1. Relevance to the project

Overall objective of REMIX was to improve regional strategies and implementation aiming to enhance the sustainable mining and related industry targeting to positive impact on sustainable development, Growth and Jobs and new SME industries in the REMIX partner regions. That was achieved by bringing together EU regions with the mining and mineral processing and mutual S3 objectives to exploit synergies. The collaboration lead to synergies where the needs and responsibility of each actor were clear. PPs promoted the Industrial Modernisation and the improvement of the environment for the industry in EU.

North Karelia and Business Joensuu (former JOSEK) was involved to REMIX in order to develop North Karelian regional mining policy and strengthen mining related regional SMEs competitiveness. In terms of this we wanted to get more information and examples from other regions policy making processes and ways to support SMEs in order to get them better involved to mining value chains. The background for this comes from REMIX project plan in chapter C.6 Expected results and outputs of the projects: REMIX will promote the improvement of the environment for the industry in the EU and to support the coherent regional development providing breeding ground for SMEs on ecoinnovation. Includes also the good practices to increase social acceptance of mining. This guideline will also indicate the regional priorities for the future development and illustrates the foundation for the European level strategic cluster partnership supporting the Industrial Modernisation and Investment platform.

During several PRV meetings we have had a great opportunity to learn from others and discuss the problems and solutions. Especially experiences from Castilla y León, Cornwall and Lapland have got us good examples of clustering and support of SMEs.

**The following lessons learned and good practices served as a source of inspiration for this Action 1:**

- Castilla y León, ICAMCYL (International Center for Advanced Materials and Raw Materials of Castilla y León) is focusing international activities for clustering businesses. ICAMCYL operates also very active with SMEs. These were the main inspirations why Castilla y León was taken to Thematic Platform for Industrial modernisation.
- Cornwall Mining Alliance enhancing the SME sector, over 100 members from several Cornish expertise sectors. This Alliance offers better understanding of how the mining sector can collaborate to boost individual businesses local and international level using examples of good practise. Action 1 will focus on boosting businesses both in local and international level.
- Lapland Peer Review discussions' one conclusion was a platform cooperation for tackling the challenge of SMEs growth. Action 1 – EU level Thematic Platform for industrial modernisation – will focus on cooperation and SMEs business in EU level. Lapland is one partner and member region of this Thematic Platform. Lapland (Regional Council of Lapland) is leading and coordinating EU level Smart Specialisation Thematic Platform for Sport. The representatives of Lapland and Business Joensuu discussed this Platform in Lapland Peer Review meeting, and this was one main inspiration to our Action 1.

Common understand in every PRV has been that SMEs will be a key player in terms of prosperity in EU. At the same time SMEs are lacking of skill needed in tightening competition in the word. In several PRVs it has been pointed out that SMEs are mainly focusing on their immediate business operations and viability. For that reason it is necessary that SMEs will be supported by creating new innovative business environment, which will give them an opportunity to create new interregional business contacts and operations.

As a result from these experiences Business Joensuu started to prepare a common initiative focusing to develop a supportive structure for SMEs in order to get them better involved to global mining value chains. This initiative was linked to regions Smart Specialisation Strategy. An initiative "Mining industry

and global value chains” was submitted to Commission in Oct. 2018 and was accepted in March 2019. The plan was prepared together with several REMIX regions; Castilla y Leon, Strada Ellada and Lapland. In addition there are some more regions outside the REMIX joined as well; Asturias from Spain, Västerbotten from Sweden and Kainuu from Finland. At the moment Berglagen from Sweden is considering to join the consortium as well. Business Joensuu has been a leading partner in the process.

## **Notes from REMIX event – 12th March, 2019**

REMIX meeting and PRV was held in Joensuu in 12th March 2019. In order to learn from other participants and complement our AP the next notes were made in REMIX PRV:

### **Promoting SME and cluster development**

- Universities in mining regions can be a platform for skills and SME development linked to mining and extractive industries, including mining and technology services
- Often difficult to engage with SMEs on cluster development and internationalisation, they cannot absorb the administrative burden and costs of applying for funds, and sometimes are scared of losing an innovative idea
- Key is reducing barriers to entry for innovation and business support programmes (less red tape), and using intermediaries (universities and development companies) to engage with SMEs and overcome coordination failures
- There is potential to strengthen the innovation system related to mining in North Karelia, GTK is a key asset for mining innovation, and is not fully utilised for this at the moment
- There is also potential to enhance partnerships between local mining clusters within Finland to leverage complementarities and build scale in relation to accessing funds, and technological innovation

### **Promoting investment in mining**

- Regions need a coherent strategy to secure “social license to operate” through engagement with local stakeholders (NGOs, local municipalities, universities, industry)
- The circular economy can help strengthen social license to operate (by reducing environmental impacts)

## 3.2. Nature of the action; what are the specific activities to be implemented?

REMIX will support the coherent regional development providing breeding ground for SMEs specialised for the industrial services and ecoinnovations. That will happen by learning from the best practices and supporting the development of the favourable framework conditions and implementing the regional mining diplomacy. Exploring the regions potential of synergies on raw materials, value chains, markets and societal players in order to create new business opportunities and economic growth, establish planned operational synergies between R&I investments (public and private) to strengthen competitiveness of the industry are also objectives of REMIX.

With that agenda, REMIX consortium targets to facilitate the integration of the SMEs on regional level to value chain of mining industry and to spread the best practices through the interregional network while supporting the mining clusters and ecosystems in the REMIX regions. Utilising of RIS3s linked to mining will be upgraded and implemented more effectively.

This work will also indicate the regional priorities for the future development and illustrates the foundation for the European level strategic cluster partnership supporting the Industrial Modernisation and Investment platform.

In general level, REMIX project is focusing on inter-regional exchange of best practices and is therefore policy-oriented project. The action plan aims to operationalise the goals of REMIX and shift the focus into inter-regional investments and projects.

The general aim of action plan is to strengthen the regional and interregional innovation capacity to facilitate investments, growth and employment in mining industry and related industries and services in regions. In addition, the aim is to spread the knowledge of expert organisations to support regional growth and new business and work opportunities and to create also a solid European collaboration among the regions involved in this initiative. And finally, the goal is to identify novel opportunities for joint-demonstration between regions based on the survey and mapping exercise conducted in the early phase of the partnership.

The special focus is investment projects in SMEs with active participation of the whole eco-system including large enterprises, academia and civil society. Based on the recent developments in mining sector the special focus of the initiative is in following key themes which is found to be relevant in the EU context: SMEs and Global Value Chains, Sustainable mining, Social acceptance of mining and Education and training in mining and related industries.

Based on competencies of the regions involved in this initiative, critical raw materials and overlapping to this, advanced materials for batteries e.g. cobalt are first obvious joint investment opportunities. North-Karelia, Vasterbotten, Kainuu and Castilla y Leon share high interest on this issue. In North-Karelia Hautalampi Cobalt-Nickel-Copper is aiming to start a new mine in year 2020. Northvolt is constructing a large-scale battery factory in Skellefteå, Västerbotten. In Kainuu, Terrafame mine (previously Talvivaara) is planning to invest in battery chemical production plant. Castilla y Leon has the mining potential Tungsten (W), and it also guarantees the supply of raw materials like Tantalum (Ta), Niobium (Nb), or Antimony (Sb) identified as critical by the EU Commission. The aim is to create European level synergies based on these regional level projects. Castilla y Leon as well as Kainuu and North-Karelia (EastNorth Finland) are also partners in S3P Advanced materials for electromobility and stationary energy storage.

Thematically all the regions mention in their strategies sustainable mining, social accepted mining (i.e. SLO), education/training and empowering of SMEs in value chains. On these topics joint investment projects will arise and the content will be refined during the consultation process supported by EU Commission.

REMIX is a project which main focus is on policy level, specialized on interregional learning. Action 1 is focusing on practical operations / actions based on lessons learned in REMIX. Action 1 is EU level Smart Specialisation Platform for Industrial modernization, which is approved by European Commission. All Smart Specialisation Thematic Platforms are launched and approved by European Commission. Every approved Platform must follow the process validated by European Commission.

Action 1 is based on validated process, supported by ReConfirm. The service helps EU regions, industrial sector organisations and European companies to connect, reach agreements, form new partnerships, and move existing partnerships forward by organising tailored events or providing services and advice.

## **The European Commission's validated Platform process is as follows with the corresponding outputs:**

### **Phase 1: Mapping competences and matching business opportunities**

The exact process of mapping depends on the specificities of the partnership, and the groundwork completed before or during the scoping phase. ReConfirm assesses the need for mapping with partnership leaders and tailors its approach accordingly.

The main feature of ReConfirm mapping is that it is action oriented. It aims not to be a separate activity, but instead to support the process of developing investment/co-operation ideas with evidence based recommendations.

Mapping papers provide a solid ground for co-operation in developing co-investment ideas, tailored to the specificities and needs of a partnership. They therefore include a basic understanding of participating regions, and their respective strengths in relation to the thematic area. They may also identify regional priorities and stakeholders relevant to the co-operation.

### **Milestone in Phase 1:**

By the end of this phase, the partnership will have finalised a mapping paper. This will include:

- A stakeholder analysis;
- A list of existing projects;
- The partners' commitment to prepare business plans and find investments

### **Phase 2: Industrial cooperation and design of concrete investment projects**

ReConfirm supports with the following activities:

- Development of a concrete roadmap towards the establishment of investment protocols;
- Support of working groups under priority areas/investment ideas;
- Preparation of partnership pitches;
- Organisation of tailored workshops to refine investment ideas;
- Contact with local brokers who can help implement the roadmap and connect with local stakeholders;
- Drafting of the investment protocols.

An investment project is a plan assigning human, financial and technical resources to implement an investment idea. The S3P-Industry supports interregional investment projects aimed at modernising EU industries, boosting strategic competences and strengthening the EU value chains.

### **Milestone in Phase 2:**

By the end of this phase, partnerships will have validated roadmaps towards investment protocols.

### **Phase 3: Business plan and funding mix**

Dependent on the specific needs of a project, the Technical Assistance Facility (TAF) can be a relevant support service. TAF services are available based on successful selection of applying projects and include, but are not limited to:

- Supporting the identification of appropriate financial structuring and mix of funding sources;
- Developing business models and plans;
- Assessing and improving marketing and sales strategies;
- Reviewing and improving financial aspects of the project;
- Cash flow analysis;
- Due diligence preparation;
- Support in addressing open questions related to intellectual property rights.

Business plans outline rationale and strategic direction. A business plan includes business objectives as well as the methodology and timeline to achieve them. A business plan is commonly required when applying for funding.

### **Milestones in Phase 3:**

By the end of this phase, a concrete business plan, including the identification of a suitable funding mix, will have been finalised, as well as plans for the initial implementation of the project

## The European Commission’s validated Platform process:

- **Phase 0** – Scoping note – Preparatory steps for setting up a Thematic Area. This phase has already been done. The kick off meeting was held in Joensuu in March 2019
- **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

**The whole process is estimated to last about 2 years**



### 3.4. Stakeholders involved

The Regional Council of North Karelia has approved a letter of commitment for JOSEK (previous Business Joensuu) to coordinate this initiative.

**Stakeholders from Outokumpu region;** for example Outokumpu Industrial Park Ltd, City of Outokumpu, Outokumpu Mining Museum, Geological Survey of Finland and industry sector (Outotec Turula Oy, Vulcan Hautalampi Ltd. (FinnCobalt mining project), Kylälahti Boliden Mine, Finnaust Mining Finland (exploration), Beowulf Ltd (exploration)) will construct an actively functioning Outokumpu Mining Camp. This Mining Camp has a remarkable role in Finnish mining sector already and will get more importance in the near future. This Mining Camp concept has been developed in a joint project with OECD in spring 2019. Outokumpu region will be one of the most important mining region also in this platform initiative as well as in action plan.

## 3.5. Timeframe

### Process / timeline:

Task	Date
<ul style="list-style-type: none"> <li>Phase 1 – Mapping of competences and matching of business opportunities</li> </ul>	<p>Semester 1 (1.7. – 31.12.2019)</p>
<ul style="list-style-type: none"> <li>Phase 2 – Industrial cooperation and design of concrete investment projects</li> </ul>	<p>Semester 2 – 3 (1.1. – 31.12.2020)</p>
<ul style="list-style-type: none"> <li>Phase 3 – Business Plan and Funding mix</li> </ul>	<p>Semester 4 (1.1. – 30.6.2021)</p>

Partnership process last approximately two years and the main outcome is the business plan for interregional investments in mining industry in Europe. The process is supported by consultants funded by EU. The process starts with mapping of the competences and business opportunities in regions. This is followed by industry cooperation and design of projects. In third step business plan is created with the mix of different funding opportunities provided by EU.

In the final step this will lead to establishment of investment projects. These investment projects might include pilot lines, demonstrators, single large cross-regional projects or large individual projects.

## 3.6. Indicative costs and funding sources

The platform initiative process is supported by consultants funded by EU. The work of regions is not supported financially by Commission, regions oversee producing of the content for the process. The costs of leading and coordinating Thematic Platform for Industrial modernisation – Business Joensuu – are included to GloMine project, which is described in Action 2. The funding will come from the policy instrument of Regional Council of North Karelia; Sustainable growth and jobs 2014-2020 - Finland's structural funds programme, Priority axis 2: Producing and using the latest knowledge and skills (ERDF), Specific objective 5.1 Strengthening innovation in enterprises. ERDF funding rate will be 80 %. The rest 20 % will be covered by Business Joensuu. The total estimated costs will be approximately 100 000 euro / year.

# 4. Action 2: Development of international cooperation, businesses and investment projects in global value chains in mining industry – GloMine

## 4.1. Relevance to the project

During several PRV meetings in REMIX project we have had a great opportunity to learn from others and discuss the problems and solutions. Especially experiences from Castillia y Leon, Cornwall and Lapland have got us good examples of clustering and support of SMEs.

### **The following lessons learned and good practices served as a source of inspiration for this Action 2:**

- Castilla y León Peer Review discussions' one point was that clustering will facilitate the R&I findings. In local level this means SMEs' concrete cooperation, which is one important point in Action 2, GloMine project.
- Cornwall Mining Alliance enhancing the SME sector, over 100 members from several Cornish expertise sectors. This Alliance offers better understanding of how the mining sector can collaborate to boost individual businesses local and international level using examples of good practise. In peer review discussions one outcome was, that we must identify and profile models of existing working clusters, from other sectors as well. Action 2 – GloMine – will focus on that, not only to mining sector but also to other business sectors linked to mining.
- Modern Cluster of Arctic Industry in Kemi-Tornio region and Lapland; Arctic Hub of industrial symbiosis – Arctic Industry and Circular Economy. This Cluster was presented in Lapland Peer Review by Digipolis' participant. Kemi-Tornio region and Lapland has made SME clustering for many years. The region has potential to become one of the leading regions in the world in the sustainable exploitation of natural resources. This was one source and inspiration, why Kemi-Tornio region and Digipolis was taken as a partner to GloMine project.

Common understand in every PRV has been that SMEs will be a key player in terms of prosperity in EU. At the same time SMEs are lacking of skill needed in tightening competition in the word. In several PRVs it has been pointed out that SMEs are mainly focusing on their immediate business operations and viability. For that reason it is necessary that SMEs will be supported by creating new innovative business environment, which will give them an opportunity to create new interregional business contacts and operations. This GloMine project will develop these issues in regional level in East and North Finland, in North Karelia and Lapland.

Other previous projects behind this GloMine project are AMIC (Arctic Smart Mining Cluster, ESDF) and MIREU - Mining and Metallurgy Regions of EU (H2020). The general aim in both these projects from North Karelia and Lapland point of view was to enhance European networking and cooperation in R&D&I organisations and firms. Business Joensuu (former JOSEK) and Digipolis Ltd were both involved and partner in these projects. GloMine project will be implemented by Business Joensuu Oy (North Karelia) and Digipolis Ltd (Lapland).

## 4.2. Nature of the action; what are the specific activities to be implemented?

This GloMine project aims to provide resources to manage the practical activities to lead the partnership platform initiative described in Action 1, to reach the goal of cross-regional investment projects. GloMine project includes two Work Packages (WP):

### **WP 1: The establishment, development and coordination of international partnership in mining industry / Leader Business Joensuu Oy, partner Digipolis Ltd.**

The actions in WP1 are based on the management of S3P Mining industry described in Action 1 and in utilisation of the work of Digipolis Ltd in cluster management and expertise in the development of business activities. Cross-regional partnership enables the development of business activities and new funding opportunities for this. WP1 includes following sub-tasks:

**Task 1.1.** Mapping of the competences and business opportunities

**Task 1.2.** Industry cooperation and the design of projects

**Task 1.3.** Establishment of a business plan with the mix of different funding opportunities provided by EU

### **WP 2: The development and operationalisation of cluster development in industrial and service companies / Leader Digipolis Ltd, partner Business Joensuu Oy**

WP 2 is based on the work of Digipolis Ltd in cluster management. The goal is to integrate the competence and knowledge of Digipolis to S3P Mining industry and further develop it as part of European cooperation model. Secondly, the aim is to link Digipolis' cluster companies in European cooperation and link Digipolis' cluster companies in European markets. WP 2 include three sub-tasks:

**Task 2.1.** The operationalisation of cluster development

**Task 2.2.** The enhancement of international cooperation from the point of view clusters

**Task 2.3.** The management of sustainability in SMEs

In the long run the project will enhance the competitiveness of SME sector in global markets and the attractiveness of the regions. In a shorter period, relevant companies and stakeholders of mining cluster will be mapped, companies are activated to join in the process of the S3P Mining industry to give the opportunity to join in joint investment projects.

**The concrete goals of the GloMine project are:**

- to foster new business activities
- the activities of the project will include 45 companies
- 10 companies will join the international consortiums including the consultation of EU specialists in business support and financial support
- the project will foster long-lasting cross-regional cooperation in companies
- new European regions will join to S3P mining industry partnership network

## 4.3. Stakeholders involved

**An official Steering group of the project (required by head financier, North Karelian regional council) will includes following organizations:**

- Business Joensuu Oy
- Digipolis Ltd
- Outokumpu Industrial Park Ltd
- Geological Survey of Finland
- Regional Council of North Karelia
- Regional Council of Lapland
- Representatives from SMEs

**Relevant Stakeholders:**

- Outokumpu Mining Heritage Center
- UEF, University of Eastern Finland
- Outotec Turula Oy
- Vulcan Hautalampi Ltd. (FinnCobalt mining project)
- Kylylahti Boliden Mine
- Finnaust Mining Finland (exploration)
- Beowulf Ltd (exploration)

## 4.4. Timeframe

GloMine project will be implemented from 1st of July 2019 to 31st of December 2021.

## 4.5. Indicative costs and funding sources

Indicative project budget will be about 817 000 €, from which budget of Business Joensuu Oy about 470 000 € and project partner Kemin Digipolis Oy about 347 000 €. Project application has been submitted to Regional Council of North Karelia and Regional Council of Lapland in March 2019. Regional Councils have asked us to make some changes to application. The final financing decision will be made by Regional Councils about autumn 2019. The project will be funded through the policy instrument of Regional Council of North Karelia; Sustainable growth and jobs 2014-2020 - Finland's structural funds programme, Priority axis 2: Producing and using the latest knowledge and skills (ERDF), Specific objective 5.1 Strengthening innovation in enterprises. ERDF funding rate will be 80 %.



Business Joensuu Oy is committed to delivering and monitoring this action plan.

**Date:** 22 / 8 .2019

**Signature:**

A handwritten signature in blue ink, which appears to read "Jarmo", followed by a stylized flourish.

Jarmo Kauppinen, Development Manager  
Business Joensuu Oy





REGIONAL COUNCIL OF  
**North Karelia**

**Letter of Endorsement**

25th of June 2019

To: Whom it may concern

**Subject: Endorsement for REMIX – Smart and Green Mining Regions of EU project’s Action Plan for North Karelia**

Business Joensuu Oy (former Joensuu Regional Development Company JOSEK Ltd) has been project partner in REMIX - Smart and Green Mining Regions of EU project financed through Interreg Europe programme. The Regional Council of North Karelia is the designated Managing Authority of the Sustainable growth and jobs 2014-2020 - Finland’s structural funds programme, which is the policy instrument addressed in REMIX project.

The Regional Council of North Karelia and Business Joensuu Oy makes co-operation regularly in different field of business development, e.g. Regional Council has financed several ERDF projects implemented by Business Joensuu Oy. Regional Council of North Karelia has also followed and participated the procedures and actions of REMIX.

On this basis the Regional Council of North Karelia will support REMIX Action Plan implementation designed by Business Joensuu Oy within following actions:

1. Mining industry and global value chains – Thematic Platform for industrial modernisation

The Regional Council of North Karelia signed Letter of Commitment on 25<sup>th</sup> of October 2018, and gave the mandate to Business Joensuu Oy (former JOSEK) to make submission and act as a lead partner for the specific thematic area Mining Industry and Global Value Chains. Mining industry is one of the key areas in the North Karelia’s regional development programme that also includes regions S3 foci. Business Joensuu Oy (former JOSEK) was committed to provide necessary resources to coordinate this initiative. The Regional Council of North Karelia will be one of the main stakeholder in implementation phase.

2. Development of international cooperation, businesses and investment projects in global value chains in mining industry – GloMine project

The Regional Council of North Karelia has received the application for GloMine project and is currently processing and evaluating it. The funding for the project has been requested from the Sustainable growth and jobs 2014-2020 - Finland’s structural funds programme (ERDF).

Joensuu 25th of June 2019

Risto Poutiainen  
Region Mayor  
Regional Council of North Karelia