The Just Transformation Movement

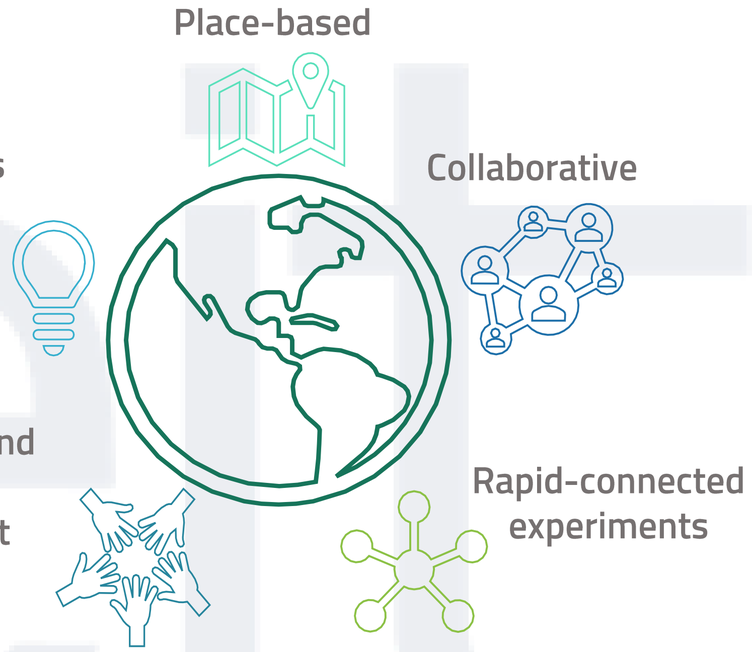
A fair movement for pioneering European regions

October, 2019

Climate-KIC

Climate-KIC is supported by the
EIT, a body of the European Union

Deep Demonstration



Challenges are not approached with Existing Solutions

Climate-KIC is to create a space that will empower challenge-owners to design and work across systems to achieve a desired future

Just Transformation

Communities and citizens in Europe are reliant on systems incompatible with a sustainable future

The challenge is complex and acute in areas dependent on fossil fuels

Government needs support to achieve deep and fast transformation

To succeed at zero carbon transformation it must be:

Participative
Collaborative
Inclusive
Disruptive
JUST

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https://france3-regions.francetvinfo.fr/grand-est/lorraine-gilets-jaunes-sont-passes-action-1576310.html

Our Design Community

Challenge Owners

Regione Emilia-Romagna

The region of Emilia Romagna

Rybnik City (Silesia)

Mayoral Office for Rybnik City

FAGOR Cooperative (Mondragon Valley)

Manufacturing of parts for domestic and commercial appliances inclusive of white goods

Lead Design Partners

ART-ER

Regional consortium to foster sustainable growth

Spin US

A special purpose vehicle of the University of Silesia

Agirre Lehendakria Centre

School for Social and Political Studies

Cross - Cutting Design Partners

Democratic Society

A non-profit organization focused on citizen engagement and participation of citizens in the transformation

Institution for Innovation and Public Purpose

Addressing how public value is imagined, practices and evaluated to tackle this societal challenge

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Climate-KIC role

Orchestration

Use an iterative innovation process to create the conditions for transformation

Community

Activating the innovation community for a Just Transformation of industry and coal regions

Capacity Building

Systems and Design Thinking Development in each region

Investment

CKIC is investing seed grant for transformative impact - financial sustainability in each region is crucial

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Regions Committed

Regions with Declared Intent from Problem Owners in 2019

Silesia

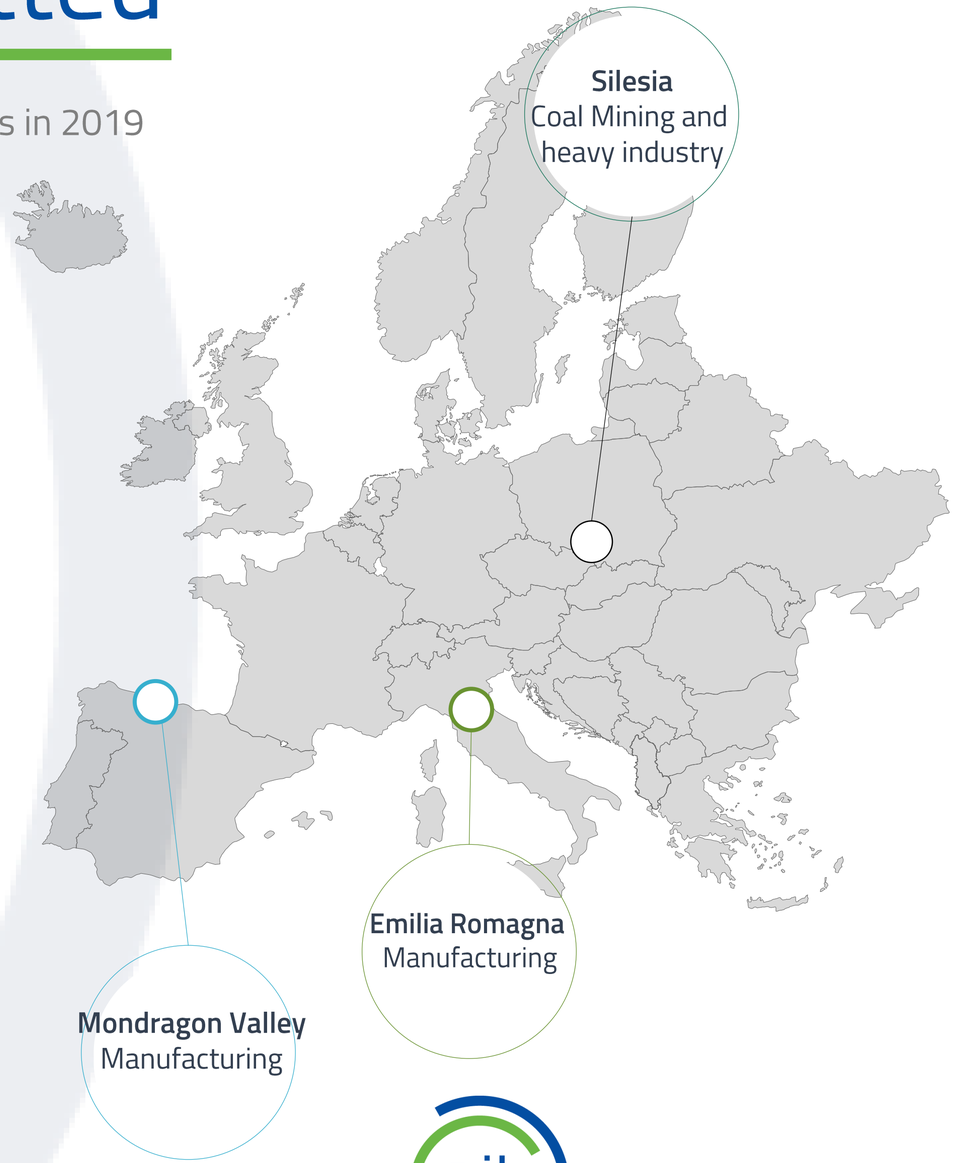
City of Rybnik is leading the Just Transformation to a city out of coal, the Voivodship and Metropolis are observer

Emilia Romagna

Emilia Romagna, focus on climate change and air quality, exploring expansion to the Po Valley

Mondragon Valley

Fagor cooperative in Basque Country is leading a societal and inclusive transformation to a zero carbon industry valley by 2050



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Regional Status



Emilia-Romagna

In the Intent Phase, have to define the state at present and future vision alongside traditional and non traditional stakeholders



Silesia

In the Intent Phase, have to define the state at present and the future vision of what is desired for the region, including all stakeholders in the process throughout



Mondragon Valley

Beginning the Framing Stage with positions/personas being developed, support is required to provide linkages with relevant potential interventions that already exist

Regional Motivations

The challenges are happening today, resolutions were needed yesterday, what we do now will impact tomorrow



Silesia

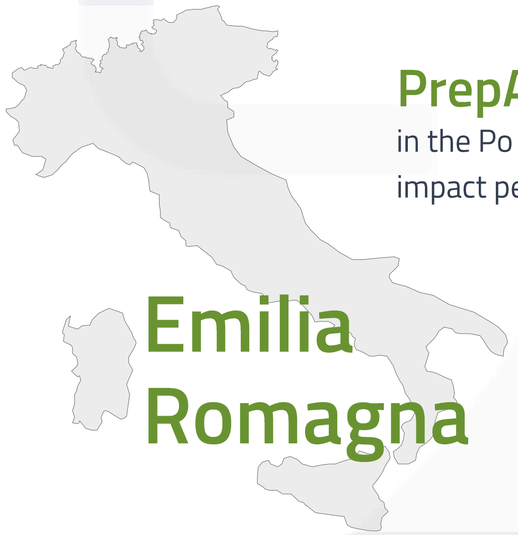
The City of Rybnik is on a 30-year Coal transition trajectory **Low Stack Emissions** are high and air quality is low.

The Coal mono-industry which is now declining is leading to an outflow of young people, current investment in Rybnik is leading to low paid work which is mismatched with the highly educated workforce.



Mondragon Valley

Maintaining Quality Employment The Mondragon Valley needs to transform into a carbon neutral industry whilst maintaining the high quality of employment. The valley has flourished through the traditional local cooperatives and now wants to sustain this.



Emilia Romagna

PrepAIR LIFE initiative recognises coordinated, large scale actions in the Po Valley region need to happen. How will decarbonisation of industry impact people, air quality may improve but what about employment?

Regional Prosperity and Carbon Neutrality

The economic powerhouse of Italy has the worst air quality of Europe, enacting a fair transition that decouples prosperity and carbon consumption.

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Emilia-Romagna

Emilia-Romagna is considered the homeland of the Italian cooperative.

Emilia-Romagna is the region with the highest proportion of cooperative employees to regional population in Italy and accounts for 28.3 % of the Italian cooperative sales volume.

Source:
www.legacoopemiliaromagna.coop



Emilia-Romagna

Emilia-Romagna presents a complex and diversified industrial sector.

There are 385,000 enterprises (Unioncamere Emilia-Romagna, 2018) located in the region.

A large number of companies (about 46,000) belong to **manufacturing industry.**

Also important: agri-food, construction materials and technologies, biomedical industries, fashion, tourism.



Source: EC DG GROW https://ec.europa.eu/growth
Picture: https://www.regione.emilia-romagna.it/en/industrial-system

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Emilia-Romagna



Emilia-Romagna is strongly affected by climate change.

Floods and pests are threatening coastal areas and agrifood systems.

Emilia-Romagna has declared the climate emergency on 5 August 2019

Picture https://www.ciaocomo.it/2017/10/16/cimice-asiatica-lario-preso-dassedio-contrastarla-incentivare-lotta-biologica/147008/

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Air quality in the Po Valley

“The Po-valley has been identified as one hot spot place where pollutant levels will remain problematic in spite of application of the current European legislation devoted to air pollution control. By 2020, health impact on population and effects on ecosystems by ozone and eutrophication are indeed calculated to be amongst the highest in Europe and anthropogenic fine particulate matter levels are expected to be responsible for a loss of ten months of life expectancy.” Thunis et al. (2019)

European Commission - Press release

Commission takes Italy to Court over air pollution and failure to properly treat urban waste water

Brussels, 7 March 2019

The European Commission decided today to refer Italy to the Court of Justice of the EU in two separate cases regarding environment legislation.

The first case concerns air pollution, and a failure to protect citizens against the effects of nitrogen dioxide (NO_2). The Commission is calling on Italy to respect agreed air quality limit values and take appropriate measures to cut pollution levels in ten agglomerations covering around 7 million people. The limit values for NO_2 set out under EU legislation on ambient air quality (Directive 2008/50/EC) had to be met in 2010.

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PrepAIR

The project PREPAIR wants to improve the air quality in the Po Valley and in Slovenia, according to the Directive 2008/50/CE and the NEC objectives. It supports the implementation of n. 7 regional Air Quality Plans in Italy and of the municipal Plans of Slovenia acting as a multiplier effect on the effectiveness of regional measures.

Budget: 16.805.939 € - period: 02-2017 01-2024

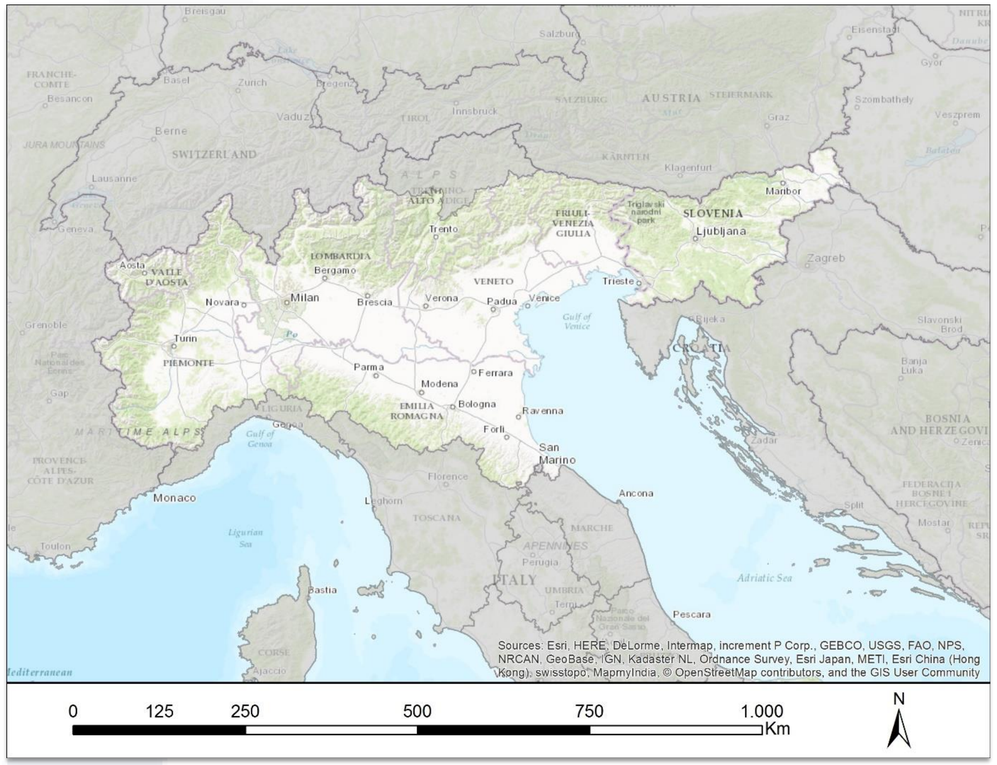
Thematic pillars:

- Agriculture
- Biomass
- Transports
- Energy Efficiency
- Air Quality Evaluation and Monitoring

prepAIR
Po Regions Engaged to Policies of Air

LIFE 15 IPE IT 013

With the contribution of the LIFE Programme of the European Union



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Progressing on ART-ER workplan

October 2019

Declared Intent : YES

Challenge Owner Regional government

Mapping of Current System : Ongoing

CKIC Partners AR-TER and Democratic Society

Vision Defined: Ongoing

12-13/09	Kick-off Just Transformation Movement in Spain
24/09	Workshop in Bologna. Focus on urban areas. Key areas: mobility, logistic, and green infrastructures.
10/10	First review meeting back-to-back with the Region
28-29/10	Elaboration ART-ER – Region
25/11	Second workshop building on the first to develop a first roadmap (31/12) and on the basis of DemSoc insights
Tbd	Second review meeting
Tbd	Working with prepAIR partners and other initiatives

Emilia-Romagna – key challenges or next steps

The region has committed to clean air initiatives. What will be required to achieve this? Industry will have to clean up and decarbonise. In one of the most economically prosperous regions for the fourth biggest economy in Europe, non-traditional partners are intrinsic to achieve the implementation of innovative technology. The complex governance landscape requires bottom up support to validate the collaboration and ensure delivery of a mutually aligned vision.

We must define what the Just Transformation in Emilia Romagna is, which sectors are involved in the quest for improved air to breathe, what will be the impact of clean air on the socio-economic success of Emilia Romagna? Who should have a say? How to leverage upon the extensive technological innovation work ongoing in the region?

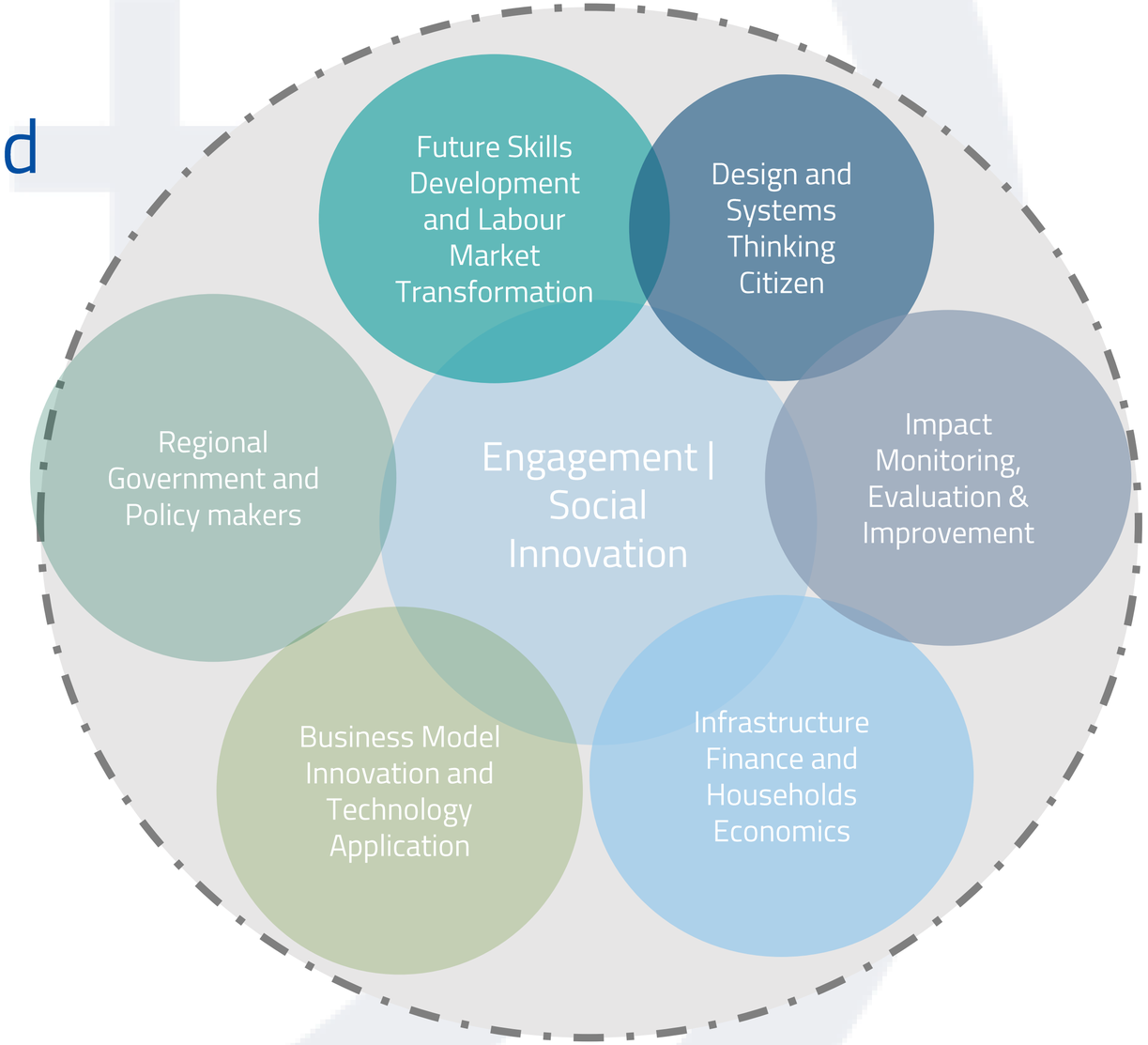


Cultivating a Portfolio

Single, Independent Solutions Are In The Past | The Interplay Of A Considered Portfolio Is The Future

Location Based

Bottom Up



Innovation process

Knowledge Sharing

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Making Visions a Reality

The Just Transformation Movement creates a space for pioneering organisations to act towards a mutually cultivated vision

Industry

How can heavy industry seize the opportunities from circular models, what skills and labour markets to support for the many?

Government

What capabilities, skills, methods and insights do governments need to navigate these highly complex transformations? How to connect them across Europe in a different way?

Financial Institutions

What asset classes, definition of return and timeframes does a Just Transformation need? Who can build Just transformation investment portfolio?



Citizens

A Just Transformation means a collective intelligence, ownership, accountability and ambition to reverse the trend. We support community connectors, activators, using collaborative technologies and methods to make each voice count.

Climate-KIC Community

How can we activate the power of our European community to multiply impact while curating systems innovation approach to the specific needs of decision makers?

Innovators

How to facilitate the move from 'thinking' to 'doing' with a truly innovative and integrated approach?

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Just Transformation

Salvatore Martire| October 2019

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EIT Climate-KIC is supported by the
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