

The Irish Experience

Smart Specialisation for innovation-led territorial development

STI roadmaps for SDGs: Smart Specialisation for territorial and industrial development in Rwanda. International Workshop

9th and 10th/January/2020

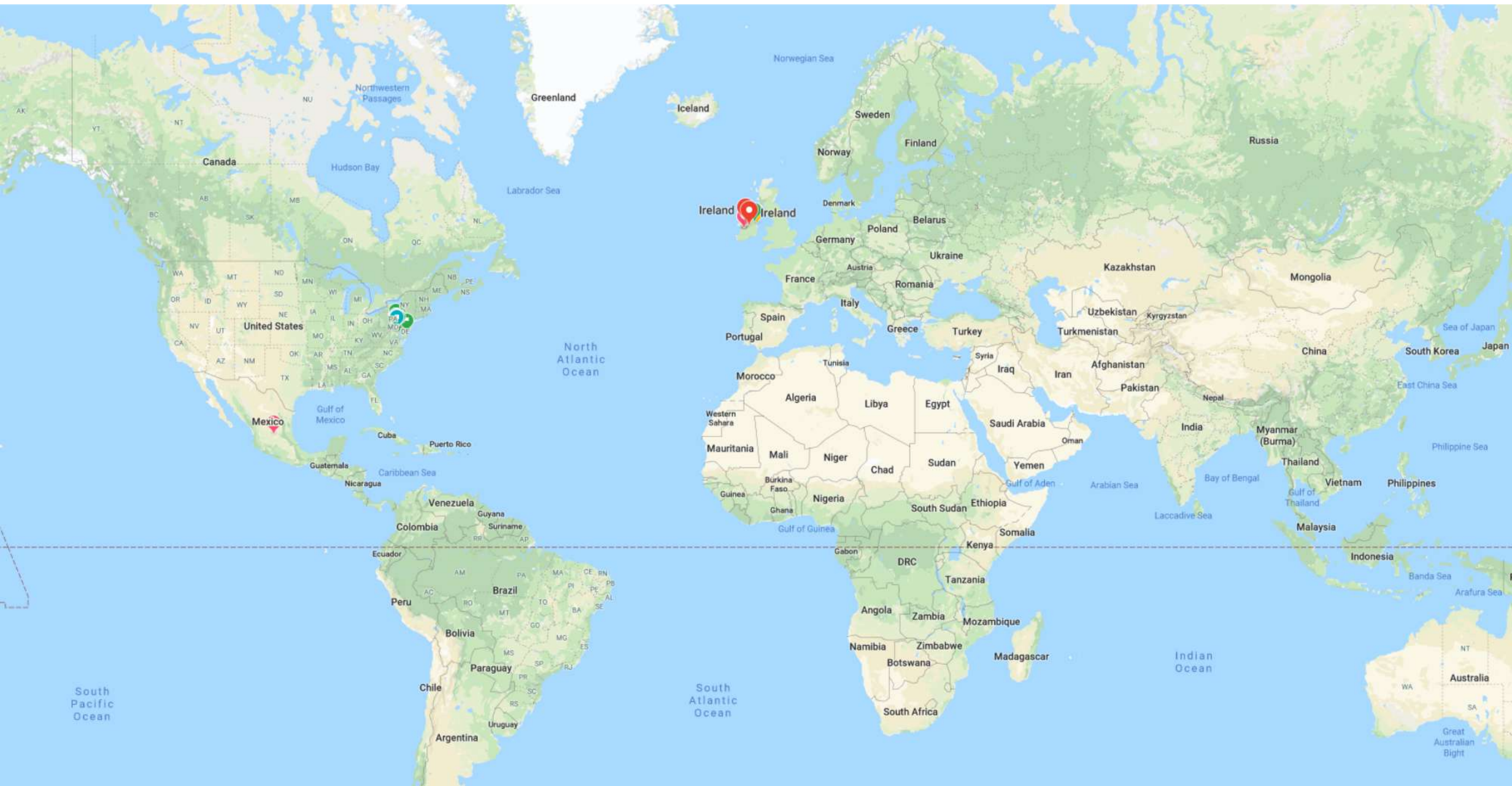
Organised by the European Commission, Joint Research Centre and the Ministry of ICT and Innovation of Rwanda

Dr Juan Martinez-Covarrubias

Economist on career break, Regional Assemblies, Republic of Ireland

Disclaimer

- The views expressed in this session are of the author's, and do not represent those of the regional assemblies nor the government of the Republic of Ireland beyond to what is in public domain.



Ireland

United States

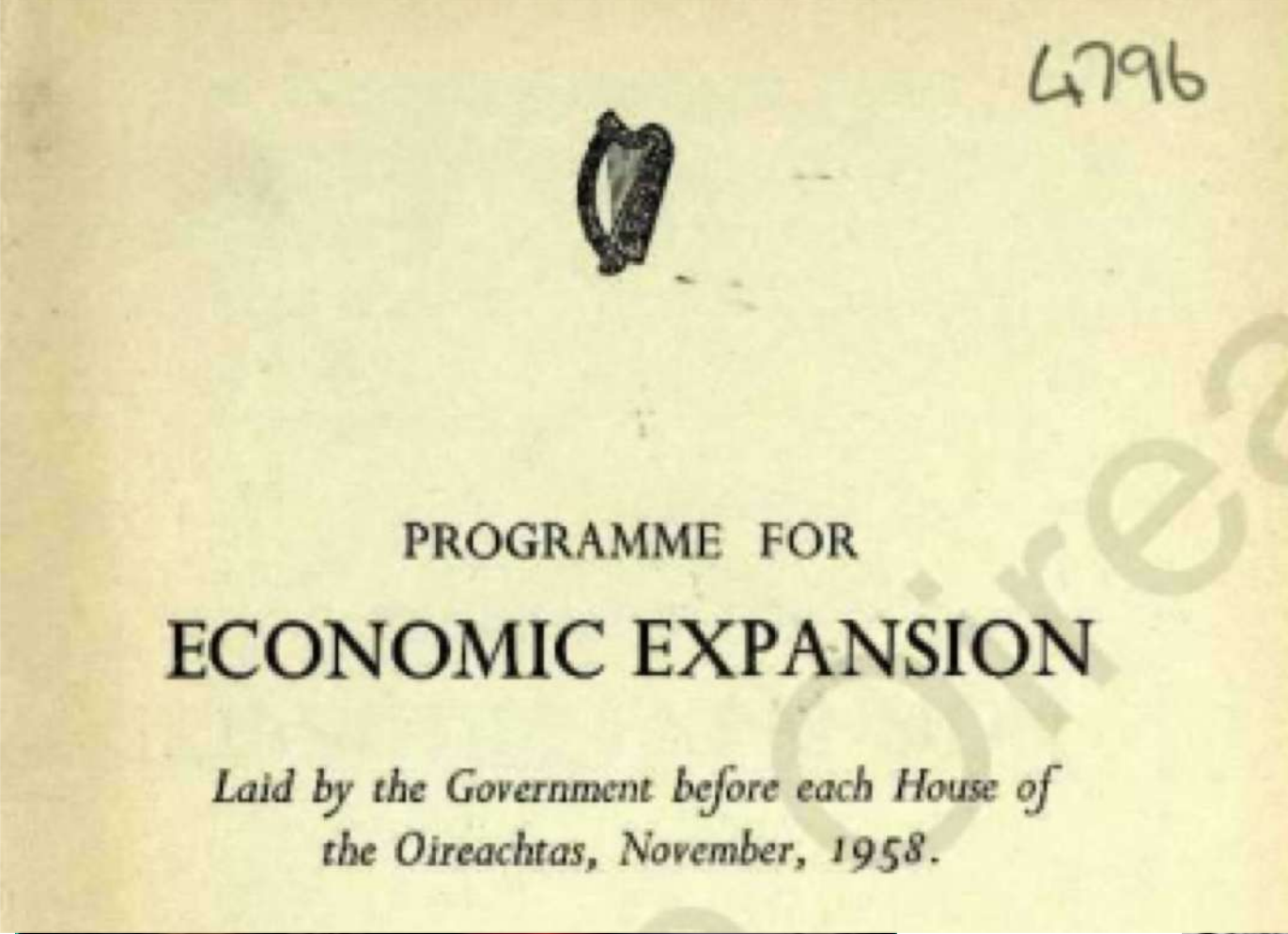
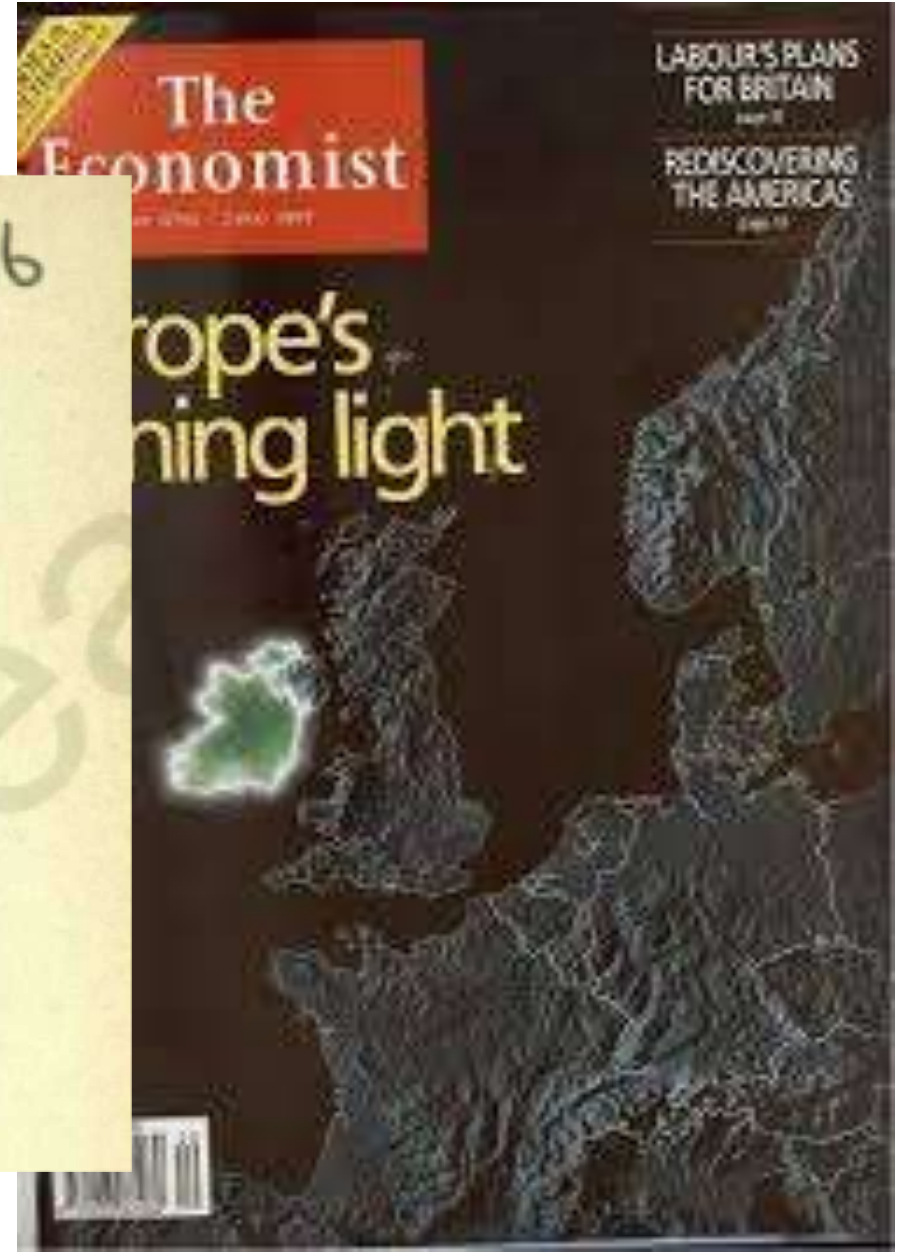
Mexico

North Atlantic Ocean

South Pacific Ocean

South Atlantic Ocean

Indian Ocean



1988 –Poorest of the Rich

1997 – Europe's shining light

IMF D

100 thou

80 thou

60 thou

40 thou

20 thou

0

1980

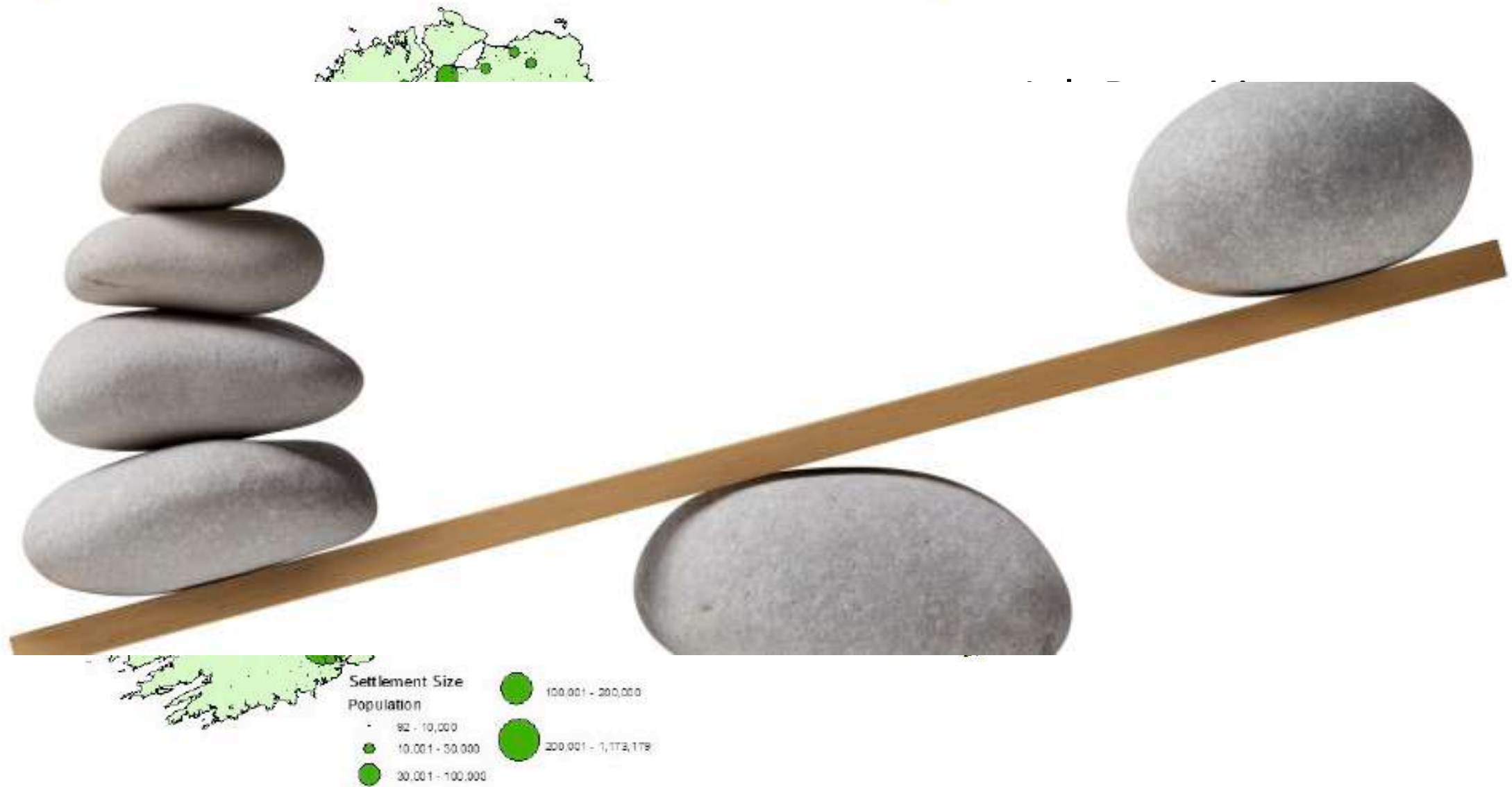
● Adv
all in



r capita)

October 2019)

MAP 6.1 GEOGRAPHIC DISTRIBUTION OF URBAN CENTRES BY SIZE



(Morgenroth 2017)

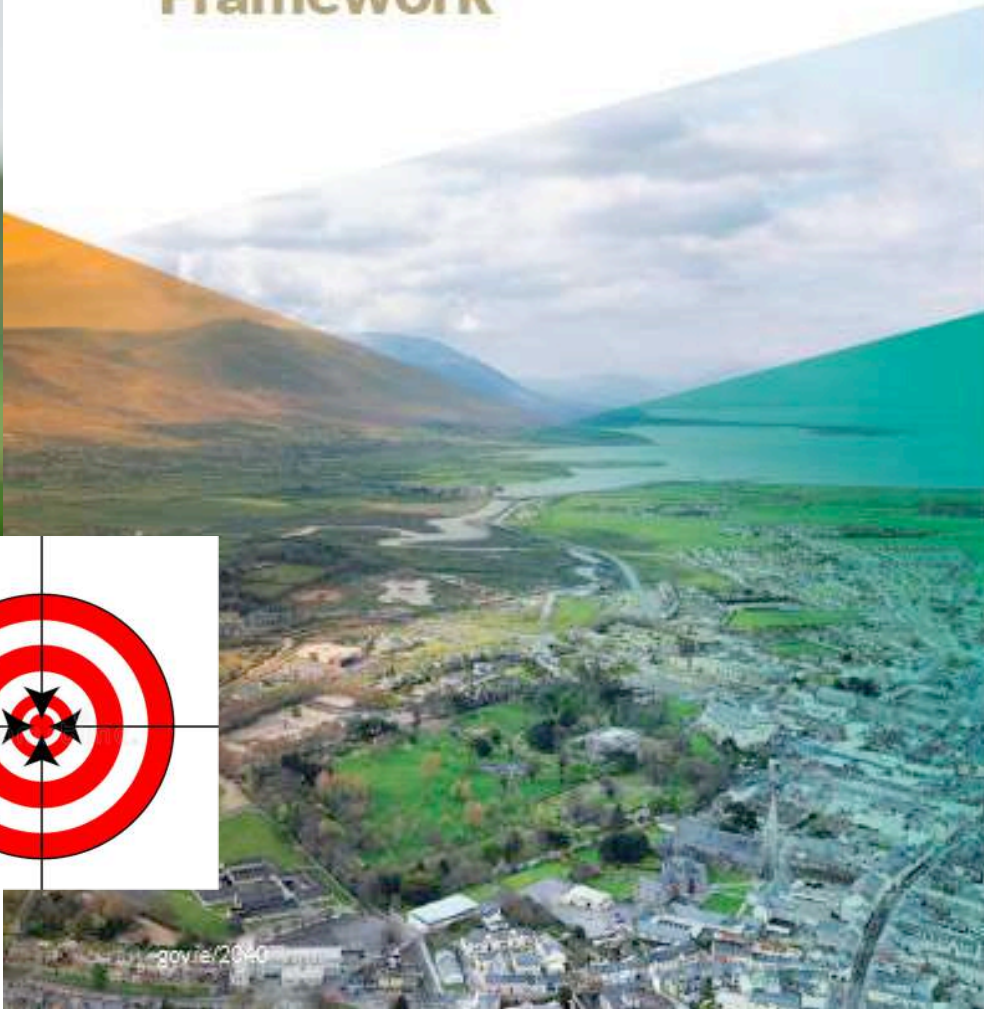


Rialtas na hÉireann
Government of Ireland



Project Ireland 2040

National Planning Framework



gov.ie/2040



Rialtas na hÉireann
Government of Ireland

Project Ireland 2040

National Development Plan 2018–2027



115 B

gov.ie/2040

FISCAL AFFAIRS DEPARTMENT

Ireland

**Public Investment Management
Assessment**



Technical Assistance Report

September 2017



**SUSTAINABLE
DEVELOPMENT
GOALS**



Economic approach

A water droplet is captured in mid-air above a pool of water, creating a series of concentric ripples. The background is a deep blue color.

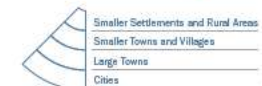
- **Role of City regions** ➤ Gain critical mass to deliver high-value services
- **Urban-Rural Dynamics** ➤ Core-periphery: Spread - Backwash
- **Key Economic Sectors** ➤ S3S and a healthy innovation system.
- **Strategic Locations** ➤ SDZs and “Health place check list”

Place making: Effective functionality, Attractiveness, Embeddedness

What enterprises look for in a location

- Urbanisation
- Connectivity
- Talent and Innovation
- Co-location or dynamic clustering (agglomeration)
- Policy co-ordination helping firms to identify benefit from the specific co-location advantages

“Health Place Audit”:

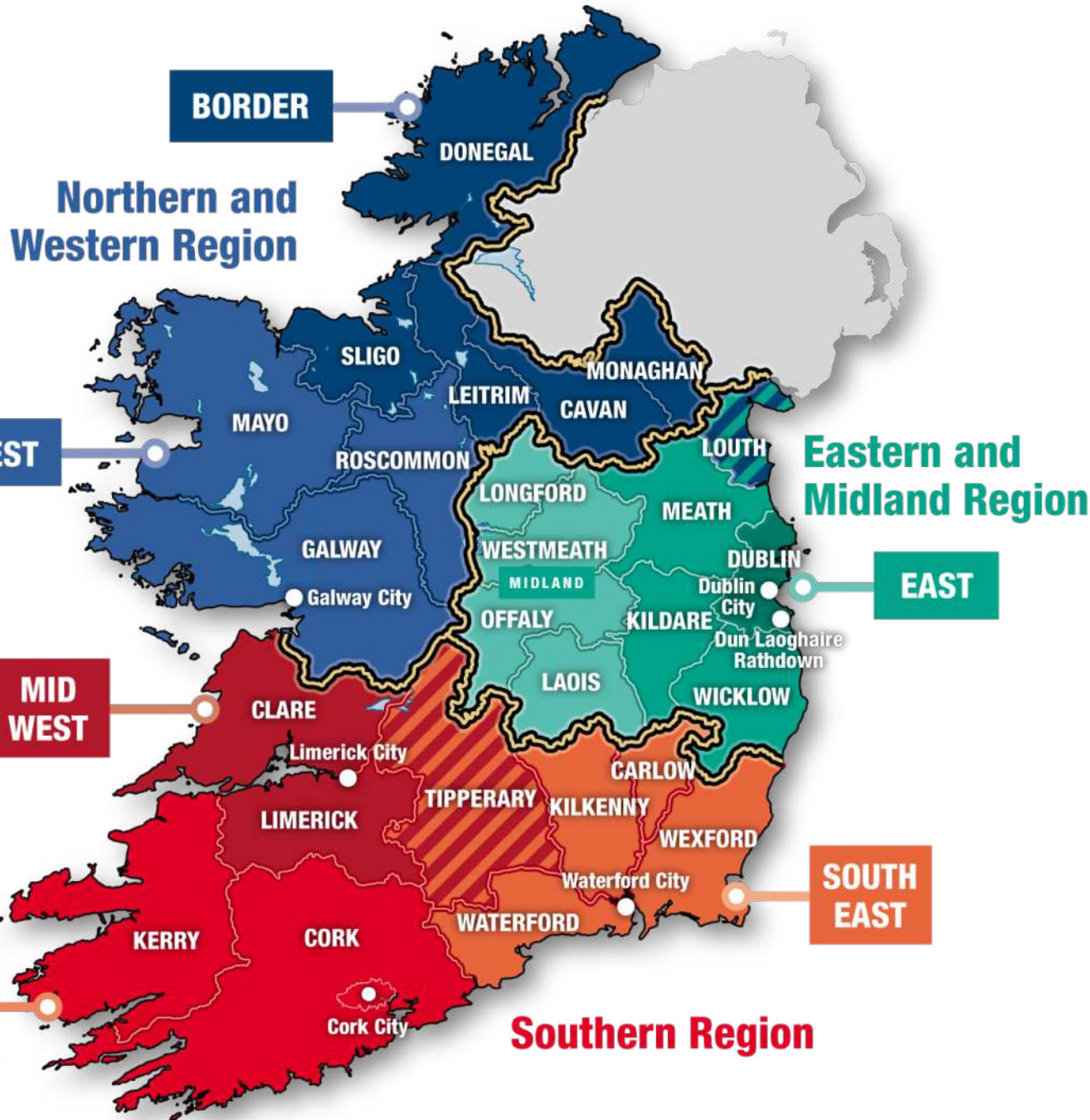


Northern & Western Regional Assembly
Ireland 2040 Our Plan

Regional Spatial and Economic Strategy
ISSUES PAPER

VIBRANT PLACE
INCLUSIVE PLACE
CONNECTED PLACE
20 35
NATURAL PLACE
SKILLED PLACE
CARBON PLACE

European Union
European Regional Development Fund



Eastern & Midland Regional Assembly
Regional Spatial & Economic Strategy
2019-2031

Southern Regional Assembly
Regional Spatial and Economic Strategy

Southern Region

Issues Paper
Initial Public and Stakeholder Consultation

Ensuring coherence: Aligning all policies



Embedding Smart Specialisation into RSES



INNOVATION

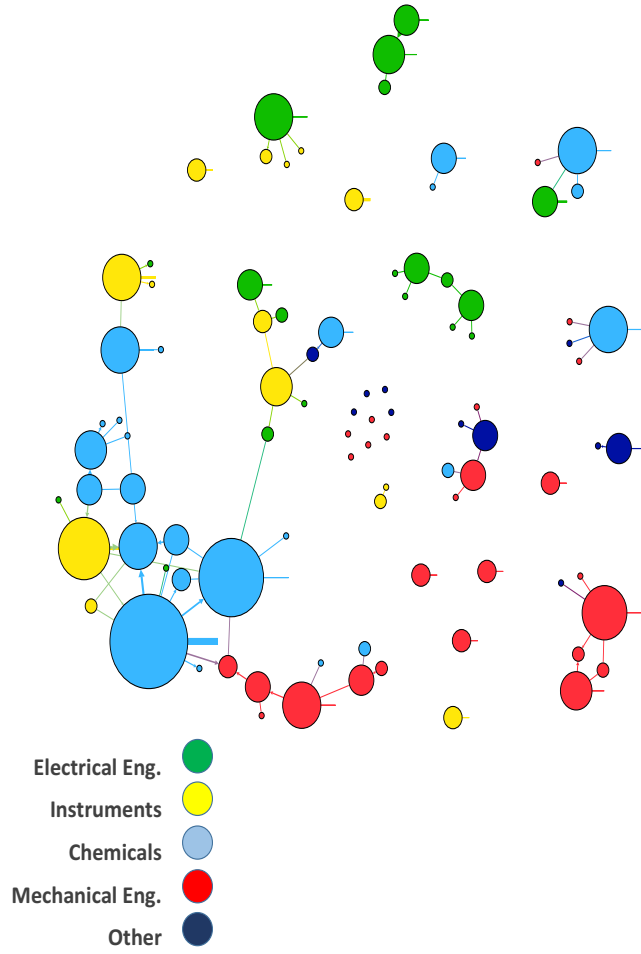
2020



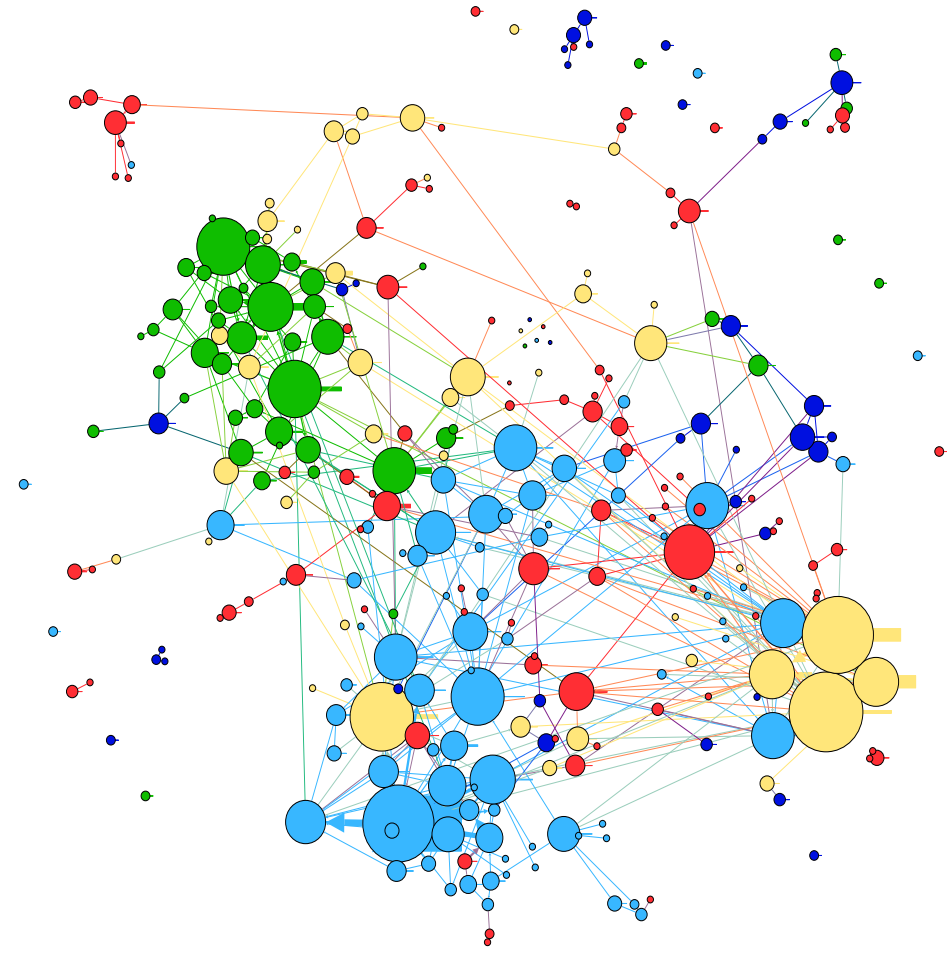
- Innovation Policy - Research prioritisation
- Regional Enterprise Plans Committees
- Competitive Funds

Figure 1. Dublin Knowledge Space, 1981-85 & 2001-05

1981 – 1985



2001-2005

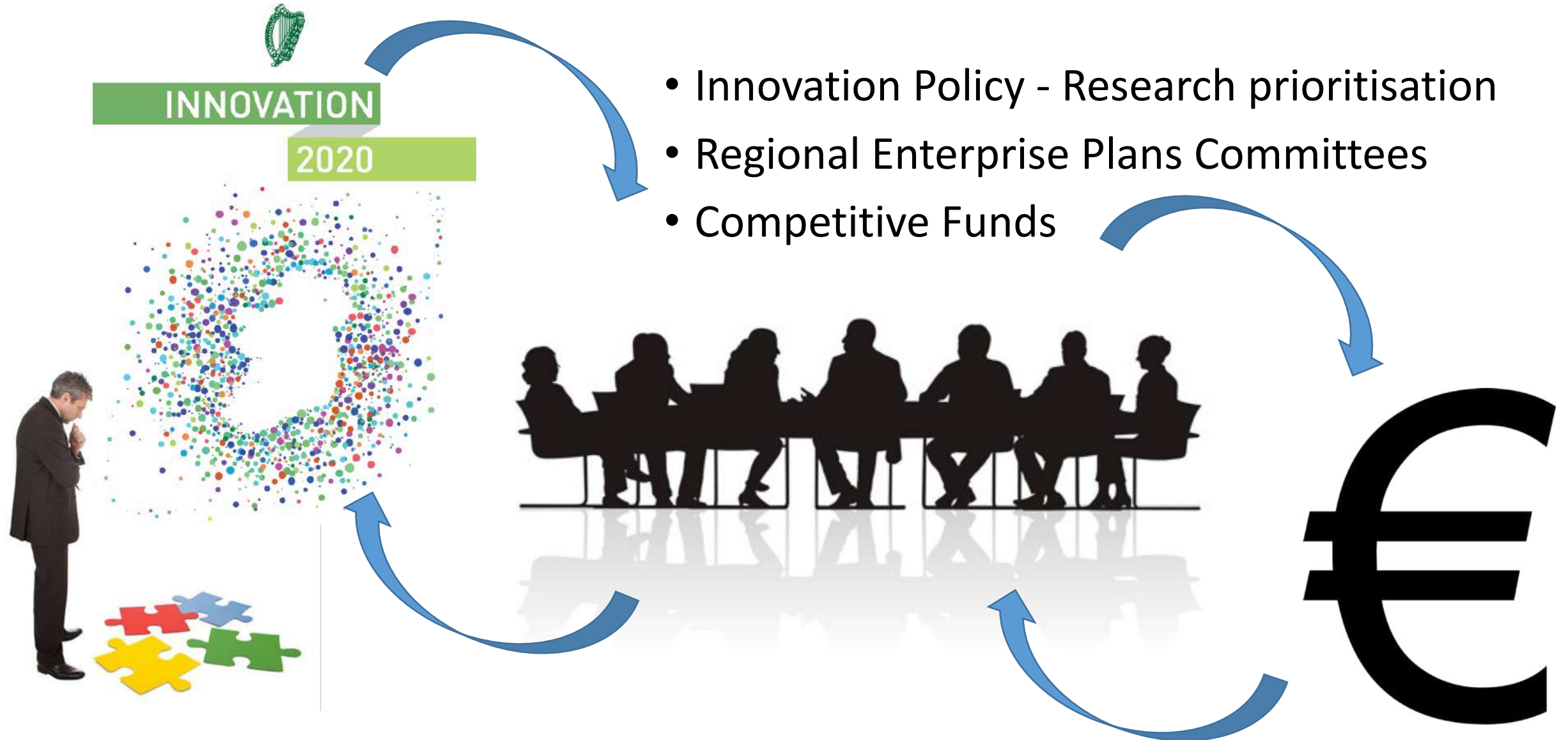


- Electrical Eng. ●
- Instruments ●
- Chemicals ●
- Mechanical Eng. ●
- Other ●

Refreshed priority areas 2018 -2023

Theme	Priority Area
ICT	Future Networks, communications and Internet of Things
	Data Analytics, Management, Security, Privacy, Robotics and Artificial Intelligence (including Machine Learning)
	Digital Platforms, Content and Applications, and Augmented Reality and Virtual Reality
Health and Wellbeing	Connected Health and Independent Living
	Medical Devices
	Diagnostics
	Therapeutics
Food	Food and Health
	Smart and Sustainable Food Production and Processing
Energy, climate action and Sustainability	Decarbonising the Energy System
	Sustainable Living
Manufacturing and Materials	Advanced and Smart Manufacturing
	Manufacturing and Novel Materials
Services and Business Processes	Innovation in Services and Business Processes

Embedding Smart Specialisation into RSES



Inventory of Economic and Innovation Assets

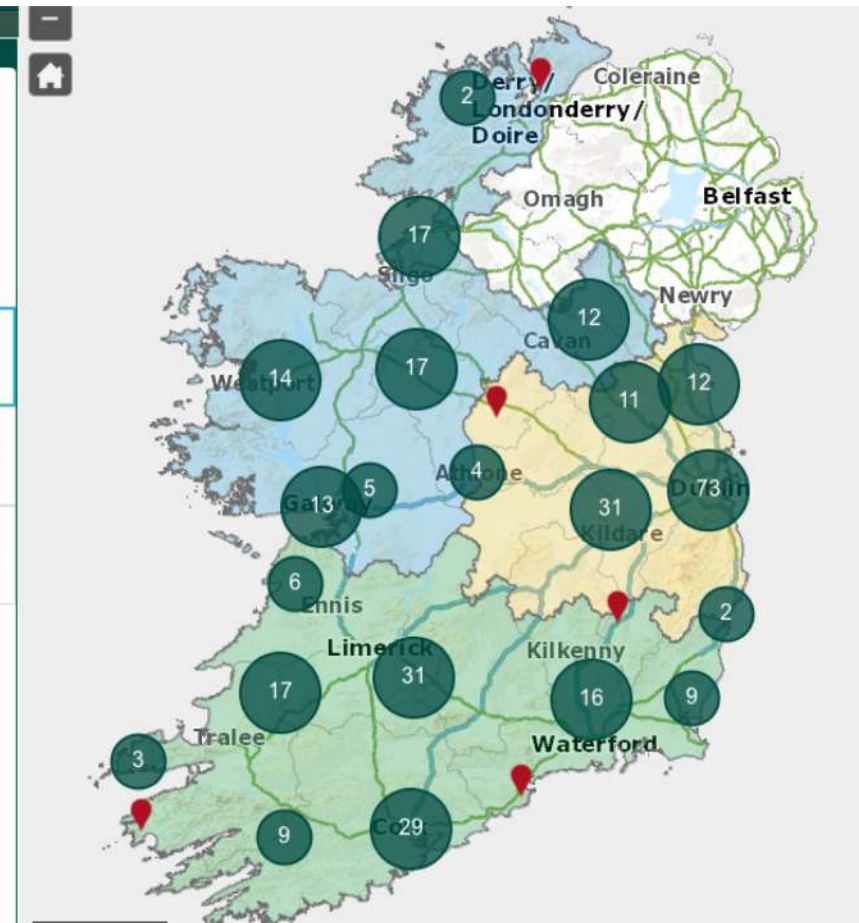


Investment Tracker

Info Summary

Project Ireland 2040
Building Ireland's Future

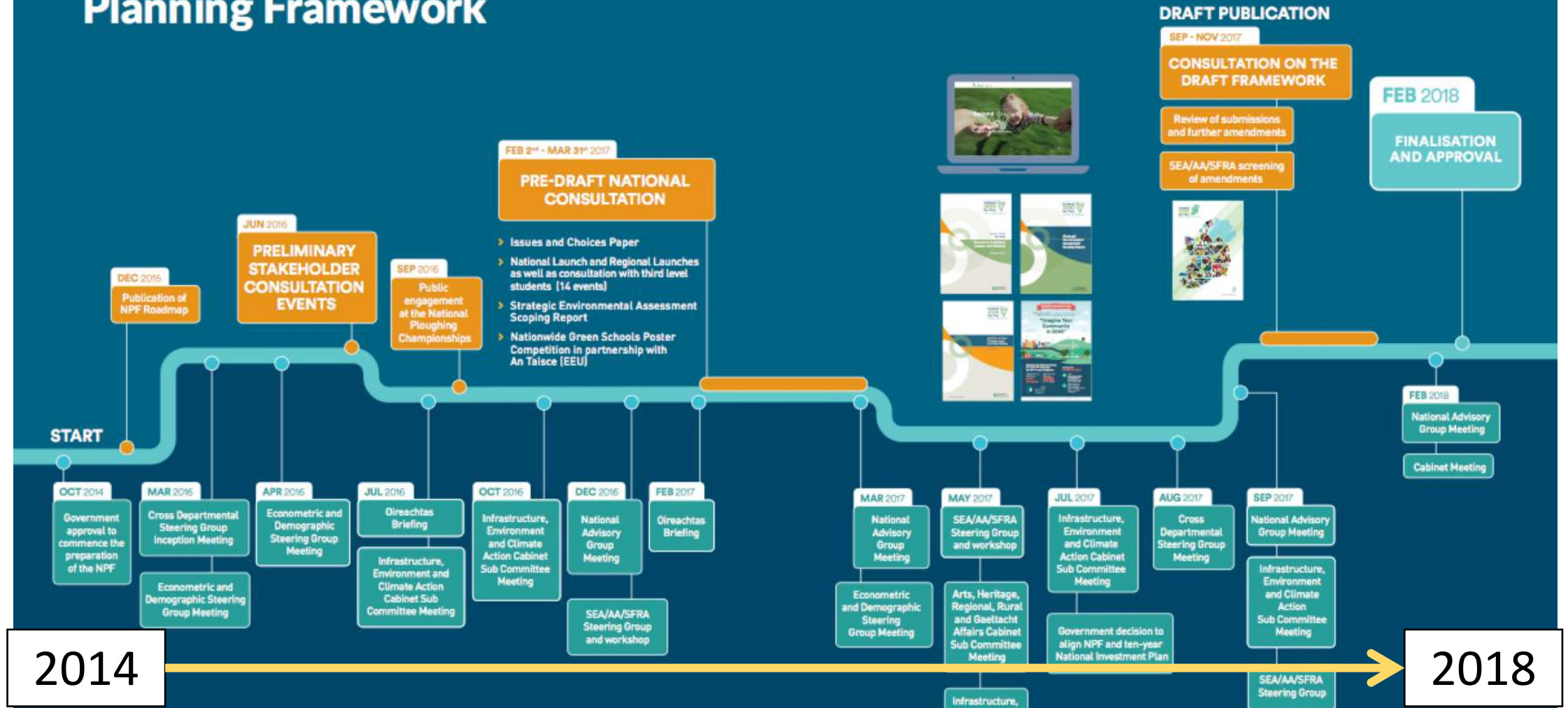
	Northern & Western	81
	Eastern & Midland	134
	Southern	123

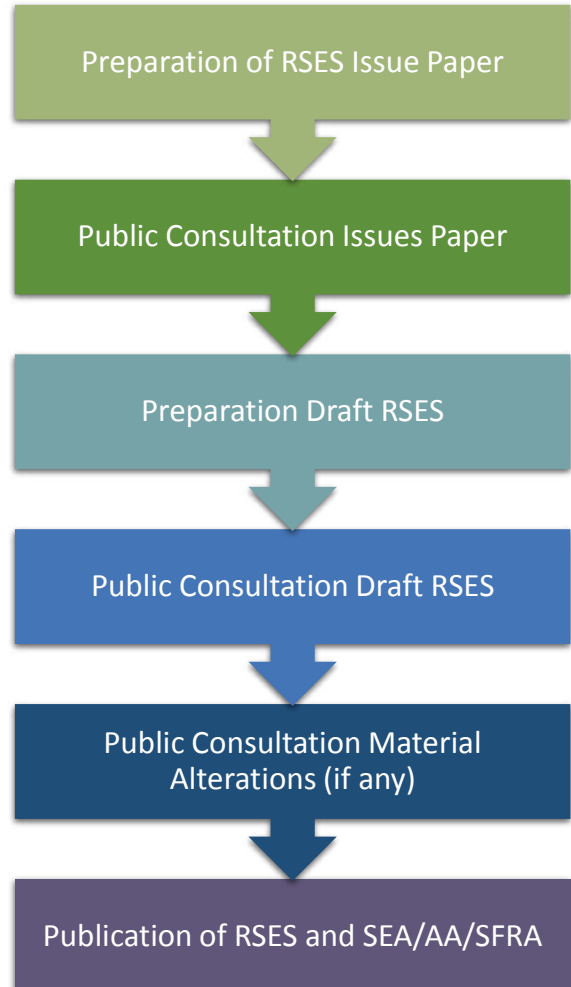
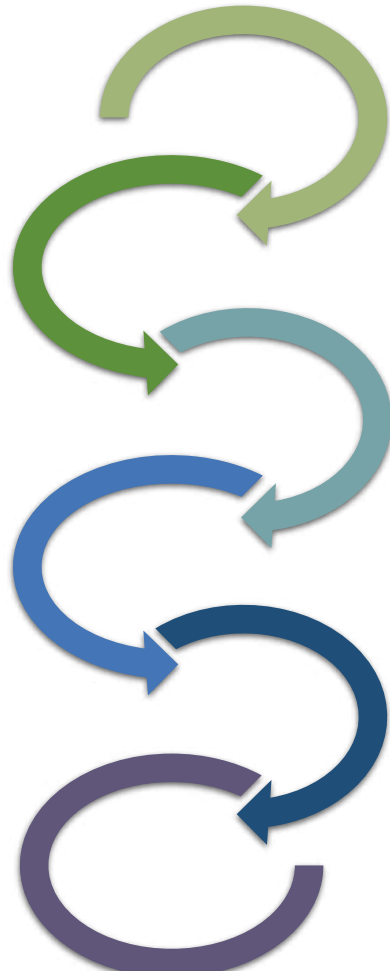
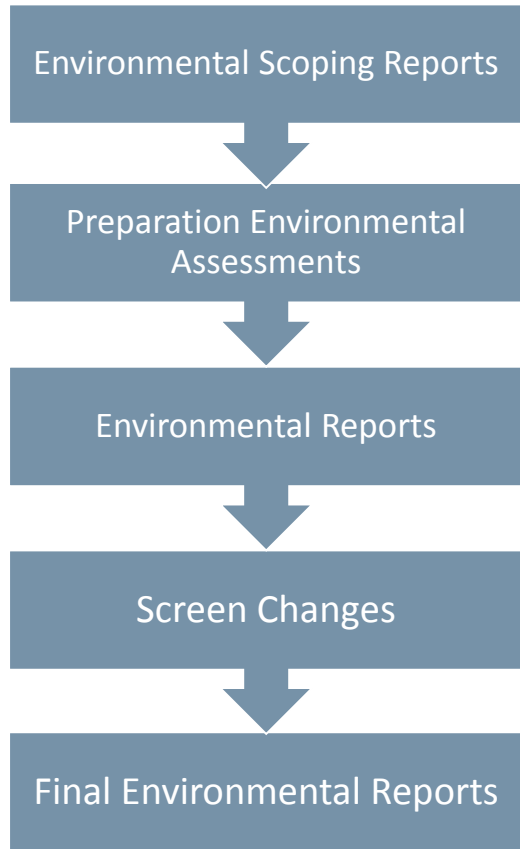


Gran Canal Innovation District



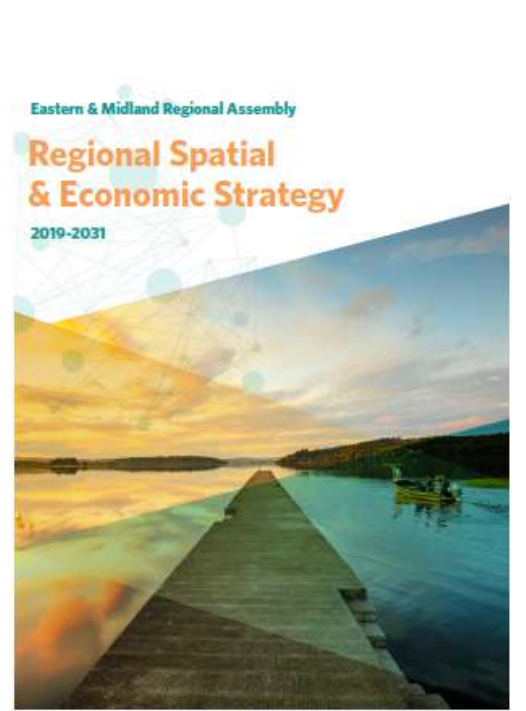
Journey to The National Planning Framework





2014 Project Ireland 2040
 ↓
National Planning Framework

2017



2019



Conclusions

- Ireland was able to grasp opportunities from globalisation in the 90s. But highly exposed to external crises.
- Serious approach to long-term plan: Sustainability and evidence-based
- Given current challenges, current policy is to build better places.
 - Making places attractive to work, live and invest.
 - Embracing Innovation and Smart Solutions.
 - Forthcoming policy: “Future Jobs” (from the work of OECD, WB on “the future of work”)

Learning lessons

- Evidence Base!
- Stakeholders buy-in.
- Play to your strengths.
- Be aware of “the revenge of the places that do not matter”!

Thank you

Dr Juan Martinez-Covarrubias



<https://www.linkedin.com/in/juan-luis-martinez-covarrubias-phd-a89078b/>



@juanluismcova