

# Evaluation and Territorial Inequalities: Outputs from IMAJINE

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 726950.

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# Content of the presentation

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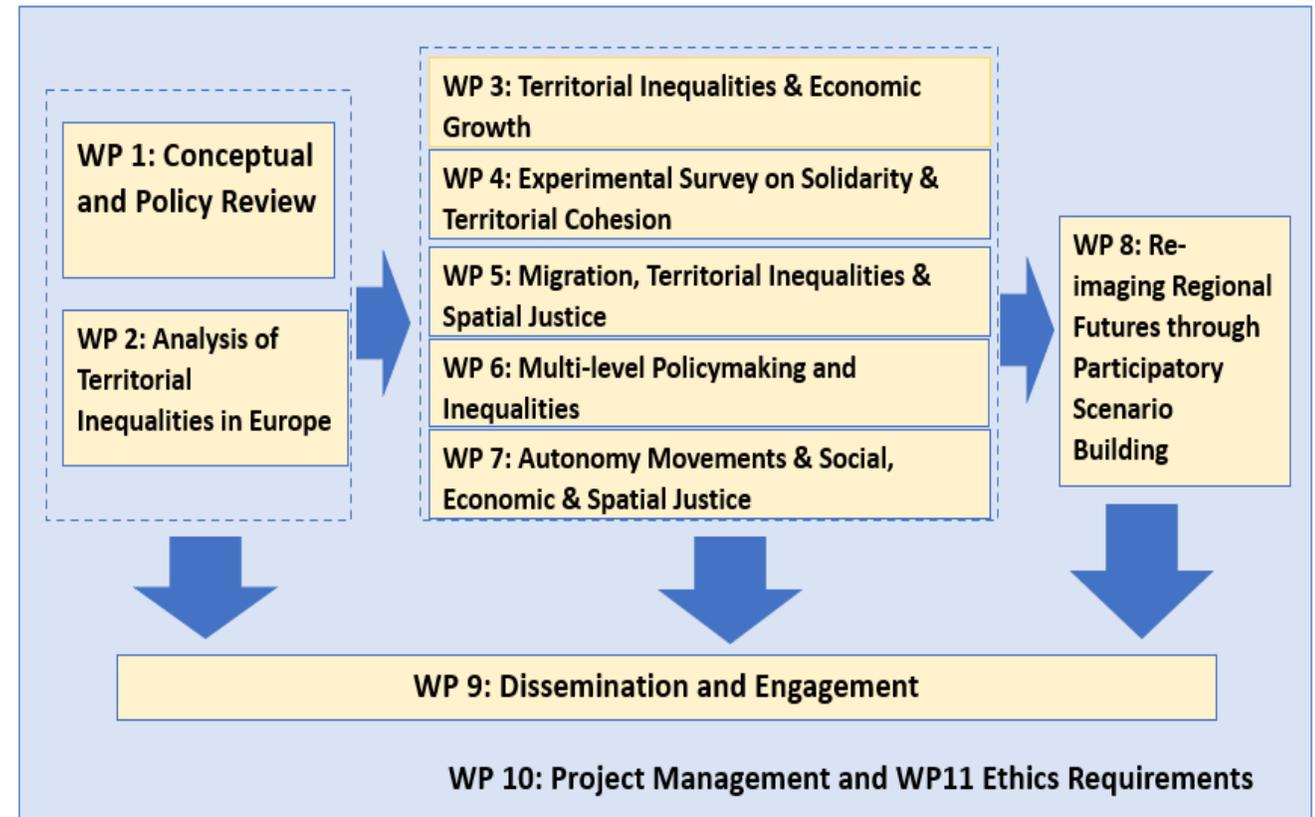
- Overview of IMAJINE project
- Challenges identified
- Output: Local Level Database for Socio-Economic Indicators
- Output: Composite Indicator for Local Development
- Concluding summary

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**IMAJINE aims to formulate new integrative policy mechanisms to enable European, national and regional government agencies to more effectively address territorial inequalities within the European Union**

*We are an interdisciplinary consortium of 15 partners using mixed methods to uncover territorial inequalities at various scales, explore dynamics of economic development, migration and multi-level governance, examine claims for regional autonomy and imagine more spatially just futures*



# Challenges identified by IMAJINE

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1. Appropriately scaled data is required to understand local patterns of inequalities in growth and development
2. Patterns of growth in regions are influenced by what is happening in neighbouring regions
3. The drivers of socio-economic inequalities and differential rates of development vary between and within regions
4. EU Structural Funds programmes have differing impacts on between-region and within-region inequalities
5. Public perceptions of the impacts of programmes may differ from statistical metrics

# Outputs

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## Local Level Database for Socio-Economic Indicators

- **What?** Database of estimated local level data for indicators of socio-economic inequalities modelled through the disaggregation of NUTS2/NUTS3 level data using spatial data estimation techniques.
- **Indicators included:** Household income; population at risk of poverty or social exclusion (other contextual local level data also included)
- **Scale:** Generally LAU2 (Municipalities, districts) (varies by country)
- **Coverage:** Belgium, Denmark, Finland, Germany, Greece, Ireland, Italy, Netherlands, Poland, Portugal, Romania, Spain, Sweden, UK.
- **Can be used for:** Identifying baseline indicators for evaluation; Assessing geographical impacts relative to local patterns of inequality

Available at: <http://imajine-project.eu/result/other/>

nuts_municipio	AROPE_hous	Income_per_household_2011_gce
1110	0.26758635	17085.5156
1120	0.24266531	19344.2578
1130	0.26426691	17892.6172
1140	0.25218639	18731.4238
1141312	0.26269165	18049.8242
1141317	0.26533809	18031.5176
1150	0.28750882	16678.1582
1160	0.25370494	17736.4063
1170	0.27149147	16226.7842
1180	0.27857143	15898.8809
1500	0.25872946	15627.6445
1610	0.2382872	18068.5059
1620	0.21924819	18873.6602
1630	0.22920103	17037.2578
1640	0.24995215	15031.5146
1650	0.2516385	17332.4141
1660	0.2533215	14290.9014
1670	0.2718401	14781.6514
1680	0.24589179	15568.4678
1690	0.23514634	15433.501

## Example screen shots for Portugal from the database

municipios		Population	Resident	Age groups			TOTAL (CON	employed	employed at	Work sectors			TOTAL (CON	Edu
LAU2_CODE	Nombre			under 19	adult	over 65				unemployed first	second	third		
	portugal	10282306	10562178	2137579	6414535	2010064	10562178	4361187	2860521	3966482	133386	1154709	3073092	4361187
111301	A dos Cunha	8001	8459	1792	5165	1502	8459	3857	3049	2898	434	864	2559	3857
100601	A dos Franco	1661	1701	290	942	469	1701	623	422	794	75	177	371	623
101201	A dos Negros	1415	1489	249	878	362	1489	596	276	635	56	154	386	596
131301	A Ver-o-Mar	8362	8675	2017	5544	1114	8675	3700	2429	2863	167	1110	2423	3700
030864	Abação (São	2223	2252	601	1437	214	2252	996	839	629	5	618	373	996
171401	Abaças	898	965	179	532	254	965	298	268	500	87	60	151	298
030201	Abade de Ne	1907	2024	487	1292	245	2024	915	809	643	18	531	366	915
031201	Abade de Ve	431	437	104	268	65	437	171	128	157	5	80	86	171
030401	Abadim	556	571	124	321	126	571	191	151	276	11	77	103	191
040701	Abambres	343	347	49	181	117	347	116	92	193	32	30	54	116
160401	Abedim	198	205	24	110	71	205	71	58	115	21	26	24	71
150901	Abela	898	890	134	451	305	890	317	265	450	67	70	180	317
141601	Abitureiras	932	972	147	544	281	972	378	317	438	39	57	282	378
101501	Abiul	2627	2729	368	1373	988	2729	808	623	1585	42	349	417	808
130101	Aboadela	727	783	180	435	168	783	231	179	388	13	104	114	231
141301	Aboboreira	504	513	58	251	204	513	149	129	301	8	56	85	149
030701	Aboim	340	355	81	179	95	355	96	51	178	6	58	32	96
130102	Aboim	575	596	127	359	110	596	214	150	246	14	86	114	214

Estimated income and AROPE

Population



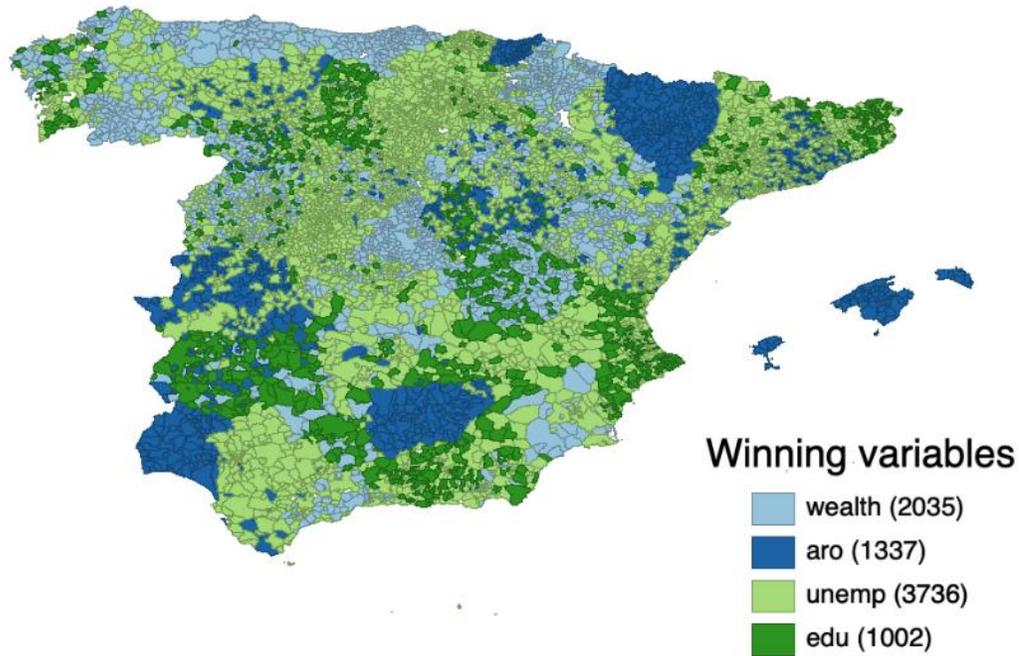
# Outputs

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## Composite Indicator for Local Development

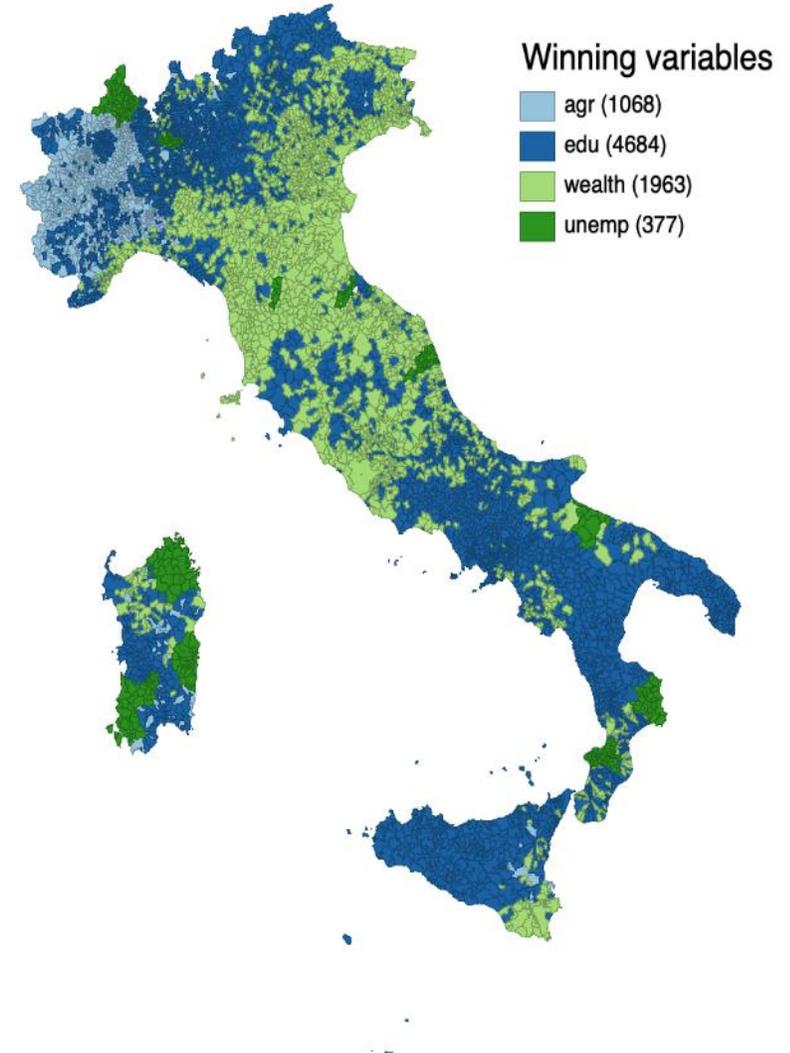
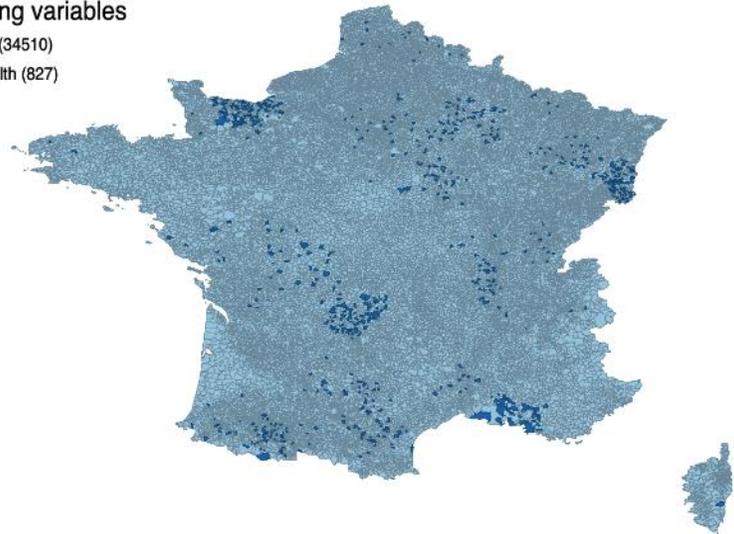
- **What?** Experimental construction of a multi-dimensional indicator of levels of local development and indicator, showing overall index and identifying the most significant factor explaining inequalities between local territories
- **Variables:** Wealth, unemployment, agricultural employment, level of education, population at risk of poverty or social exclusion
- **Scale:** Municipalities/communes
- **Coverage:** France, Italy, Spain
- **Can be used for:** Connecting evaluation of programme outcomes to drivers of geographical inequalities at the local scale
- **Maps available in IMAJINE D3.3 at:** <http://imajine-project.eu/result/project-reports/>

# Maps showing the leading drivers of local-scale inequalities in the composite indicator for France, Italy and Spain



Winning variables

- aro (34510)
- wealth (827)



# Summary

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- Research in the IMAJINE project has highlighted the complexity of local-scale patterns of socio-economic inequalities and development
- Conventional data is commonly not available at an appropriate scale to reveal these patterns
- In response, IMAJINE has used disaggregation techniques to estimate local-scale data for household income and % of population at risk of poverty or social exclusion, and econometric methods to identify the main local-scale inequalities
- These data can be applied to more closely target evaluation of rural development initiatives by enabling impacts to be assessed in relation to local scale patterns of uneven development