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PolicyCLOUD Use Case #1

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Use Case 1 – Policies against Radicalization

- **Objective:** Reduce occurrence of domestic radicalization by **identifying early warning signals and risks** from social media and other data sources

The Context of Regione Lombardia

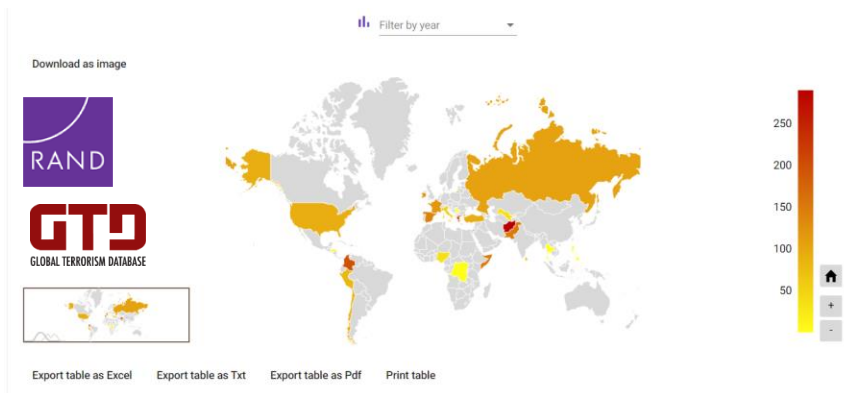
- Lombardy is situated in the North-West Italy
- Population ≈ **10 million**
- Radicalization (**political and religious**) is rapidly spreading in the territory
- **Evidence-based policy** making is crucial for addressing the **cross-border challenges** in a cost-efficient way



Scenarios Implemented

Radicalization incidents

Allows to investigate the occurrence of radicalization incidents in a given area



Radicalized groups and individuals

Allows to predict the most efficient and cost efficient measures to implement for the radicalized part of a population

Category	restriction_threshold (1)	restriction_duration (quarters)	restricted (%)	radicals (%)	policy_cost (KEuros)	max_edges (1)
0	1	0	0	37	0	3
1	0.2	4	0	28	740	3
2	0.2	6	32	39	964	3
3	0.5	4	0	30	664	3
4	0.7	4	7	40	400	5

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Scenarios Implemented

Trend Analysis on Social Media

Allows to filter social media content by different parameters to extract useful information



Sentiment Analysis on Social Media

Allows to apply opinion mining analytics on social media content and retrieve different information and visualizations

Location
Person
Terrorist Organization

Choose a value ▼

No data To plot

⊕ Clone chart
🔗 Open in modal
🔄 View Json





Thank you for your attention !

Samuele Baroni





Policy Cloud
Cloud for Data-Driven Policy Management



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