





Connecting data to manage diverse climate risks in Burgas & Gabrovo (Bulgaria)

The Challenge

Burgas and Gabrovo face different but equally pressing climate risks:

-  Flooding and coastal risks in Burgas
-  Heatwaves and urban warming
-  Drought and wildfire risks in Gabrovo
-  Water scarcity affecting ecosystems and communities



Location of Burgas & Gabrovo in Bulgaria

Local authorities struggled with fragmented data and limited integration between climate, EO and municipal information.

The VALORADA approach

With VALORADA, both municipalities:

- ✓ Identified key risks through Climate Impact Chains (floods, heat, wildfires)
- ✓ Co-designed tailored climate indicators with stakeholders
- ✓ Integrated climate, EO and local datasets
- ✓ Developed dashboards to support local decision-making

The focus: from fragmented datasets → to a unified, decision-ready evidence base

What Changed?

Each city now monitors key risks through dedicated indicators:



Burgas: Floods & heat

- Flood-prone areas and exposed population/infrastructure
- Extreme precipitation and runoff
- Heat hotspots and urban vulnerability



Gabrovo: Drought & wildfires

- Dry conditions and vegetation stress
- Fire risk indicators
- Forest composition and ecosystem health

All integrated into dashboards, enabling:

- 🔍 Identification of risk hotspots
- 📊 Better monitoring and early warning
- 🎯 More targeted adaptation and preparedness measures



Why it matters ?

Burgas and Gabrovo show how:

- Different climate risks can be addressed through a common data framework
- EO + local data improves decision-making across departments
- Dashboards support practical planning and risk management

This approach strengthens resilience while enabling more coordinated and data-driven local policies.

Want the full story ?

[Discover how Bulgarian cities are using VALORADA to manage climate risks.](#)

➡ [LINK TO THE FULL CHAMPION STORY HERE](#) ⬅

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 <https://www.valorada-project.eu>

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