

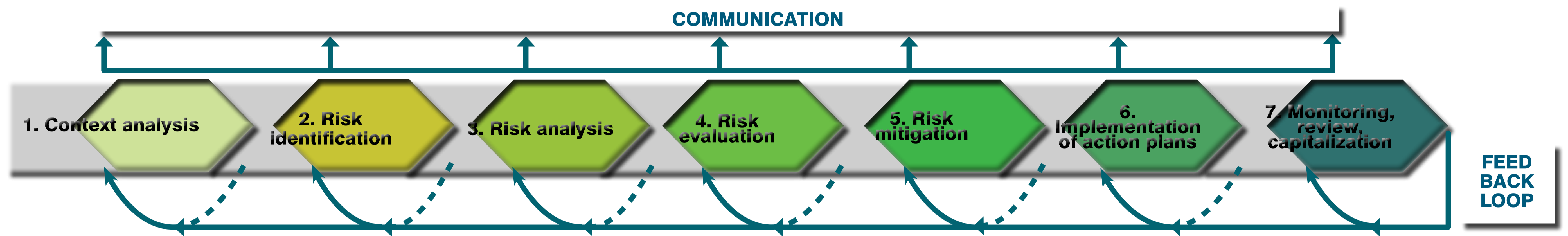


Our mission:

Managing climate risk for transport infrastructures, for urban and industrial areas

- > Alerting about **social, economic and environmental risks associated with climate change.**
- > Conducting **cost-benefit assessment** ensuring **sustainable investment.**
- > **Adapting development projects** (evolutionary / robust and flexible) to uncertainty of climate change.
- > Integrating climate change **in future land use choices and urban planning.**

Methods



Tools

- > Egis has developed **effective** and **innovative solutions** which can be used both at an infrastructure level and on a regional scale.



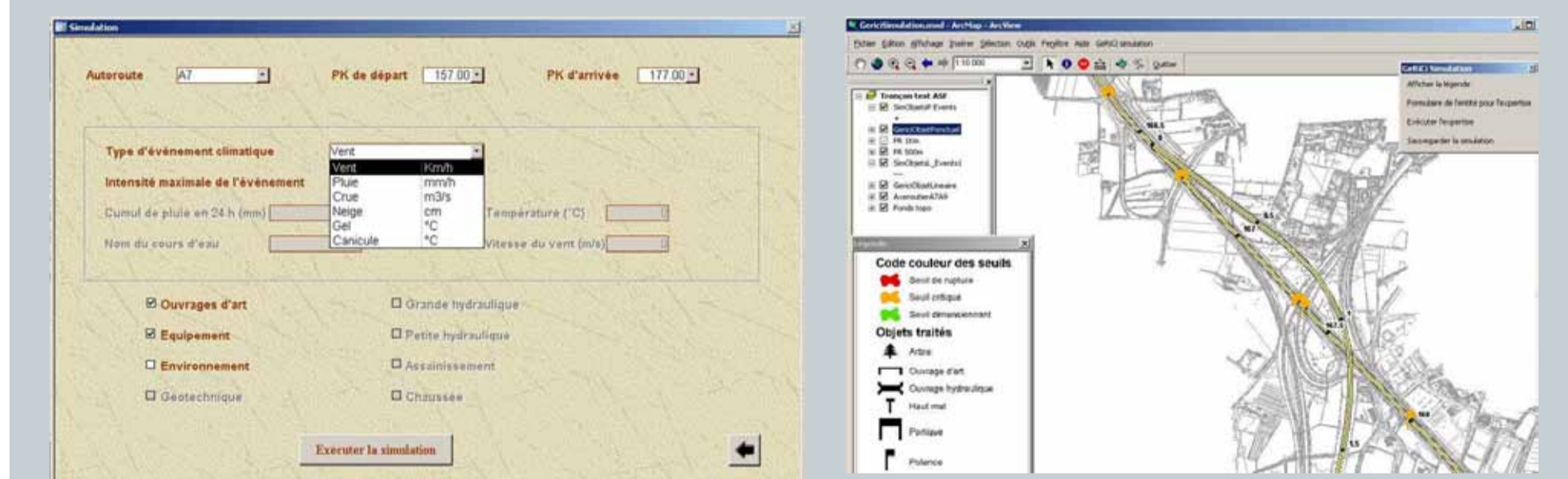
Resilis

Resilis develops methods and tools to **increase urban resilience**. An analysis of how the urban system functions when faced with natural and technological hazards is conducted using a systemic approach which covers:

- > **Technical aspects** (in particular the interdependency of urban utility networks);
- > **Organizational aspects** (risk governance);
- > **Cultural aspects** (policymakers, economic actors and inhabitants becoming aware of the risk).

Geric / Resilience

Climate change has a considerable impact on infrastructure vulnerability. This conclusion, together with a **tangible risk anticipation and management tool**, are now available to project owners and operators in the form of the **Geric project** (Management of climate change-related risks to infrastructure) which was finalised in 2007 as part of a **civil engineering and urban network project**.



Geric interface

Adding-value

- > These innovative tools coupled with **Geographic Information Systems**, allow us to perform an analysis of the vulnerability of transport infrastructures, territories, cities and industrial sectors to climate events.
- > No action would cause a loss of 20% of global GDP.

