



43RD ANNUAL CONFERENCE OF THE INTERNATIONAL
ASSOCIATION FOR IMPACT ASSESSMENT

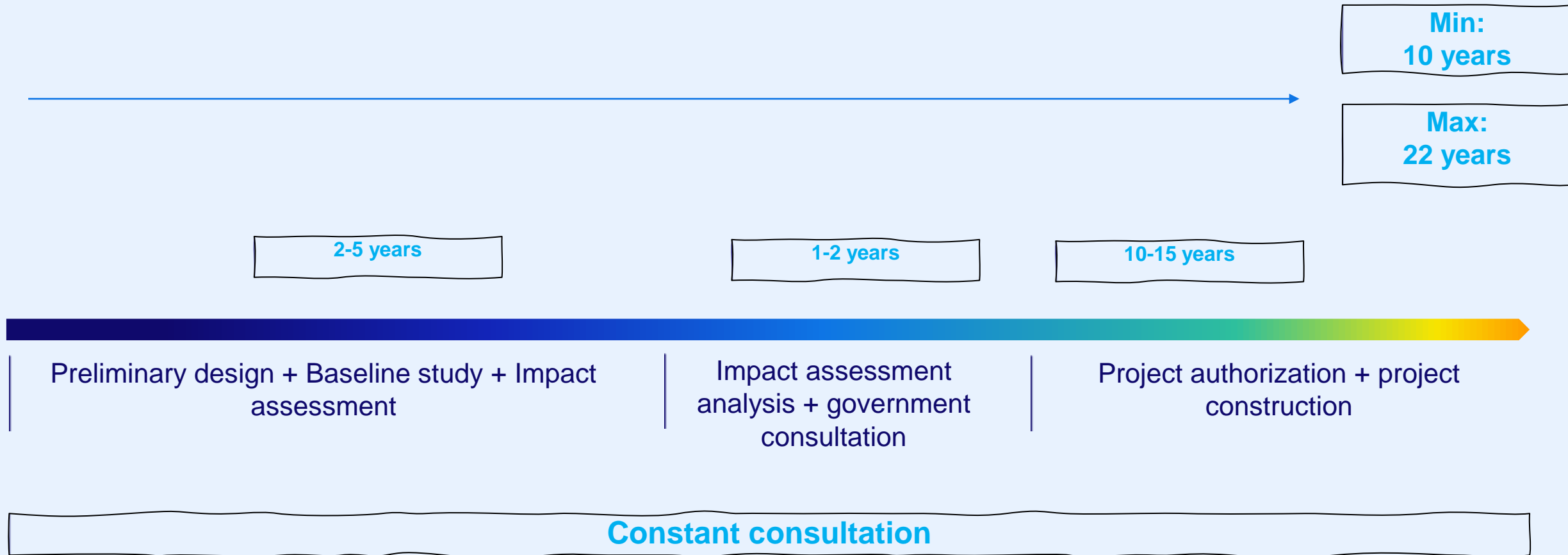
**A FAST AND GREEN TRANSITION : ARE
JUST AND FAST COMPATIBLE ?**

24-27 April, 2024, Dublin, Ireland

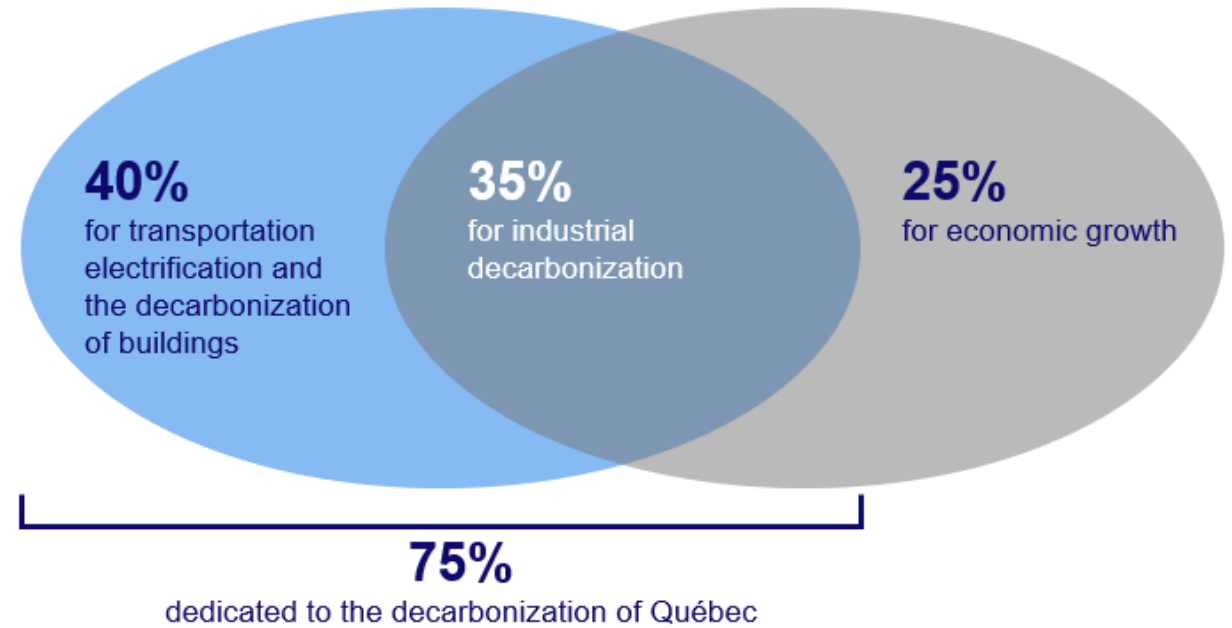
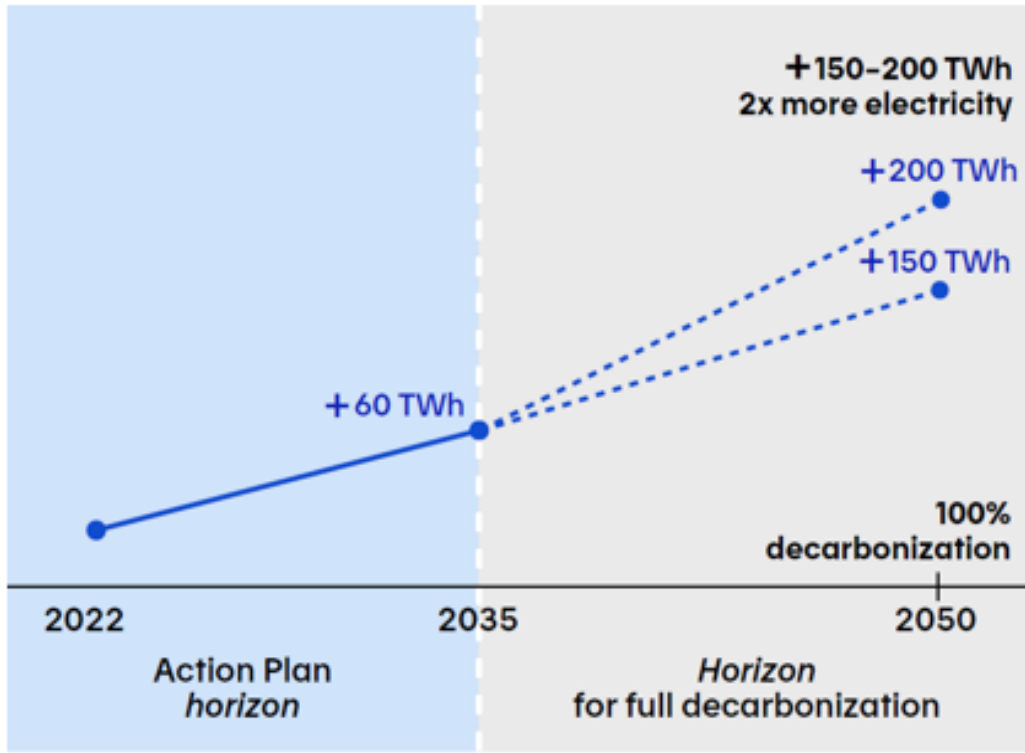


10

Average timeline to achieve a project

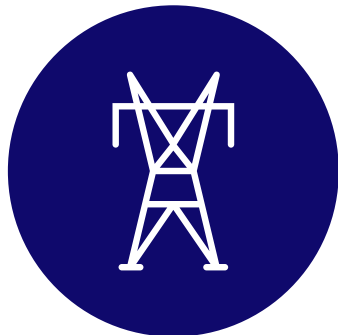
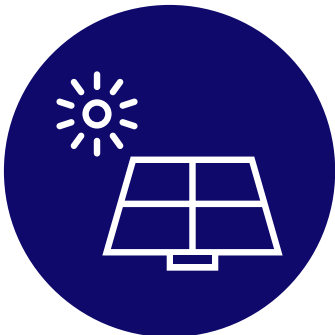


Projected trajectory of electricity and the Energy Transition in the Province of Quebec





Hydro-Quebec's *Action Plan 2035* Five priorities



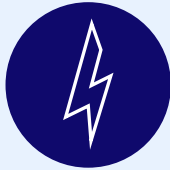
1. Improve service quality.

Increase our investments in the power grid to offer our customers reliable, high-quality service at an affordable price.



2. Help our customers make better use of electricity.

Innovate to encourage our customers to treat electricity as a valuable resource.



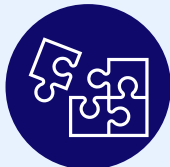
3. Increase our power generation capacity.

Identify and launch the best projects that will enable us to generate more electricity to support Québec's ambitions.



4. Partner with Indigenous communities.

Work towards economic reconciliation with First Nations and Inuit, in collaboration with the Québec government.



5. Become an agile, innovative and transparent organization.

Transform our ways of doing things to better meet our customers' needs and support Québec's decarbonization and economic prosperity.

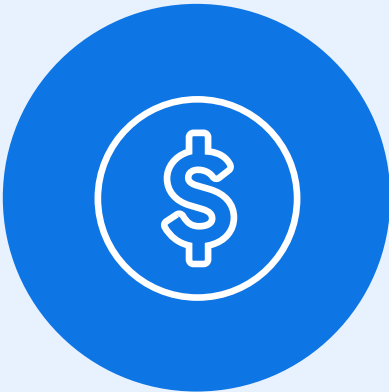
5 players in the field of project ecosystem



Supply chain



Workforce
availability



Available financing



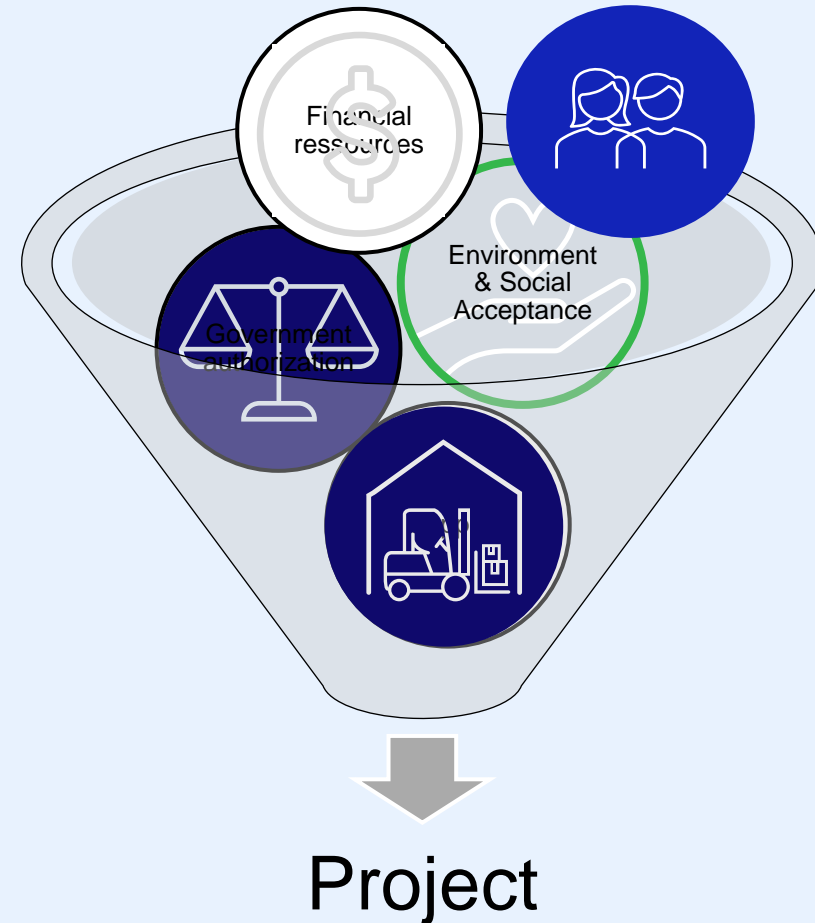
Legislative and
regulatory
framework



Social and
environmental
acceptability

An *ecosystem* at work : recipe for a good project

- Good renewable projects
- Create a vision
- Direct benefits

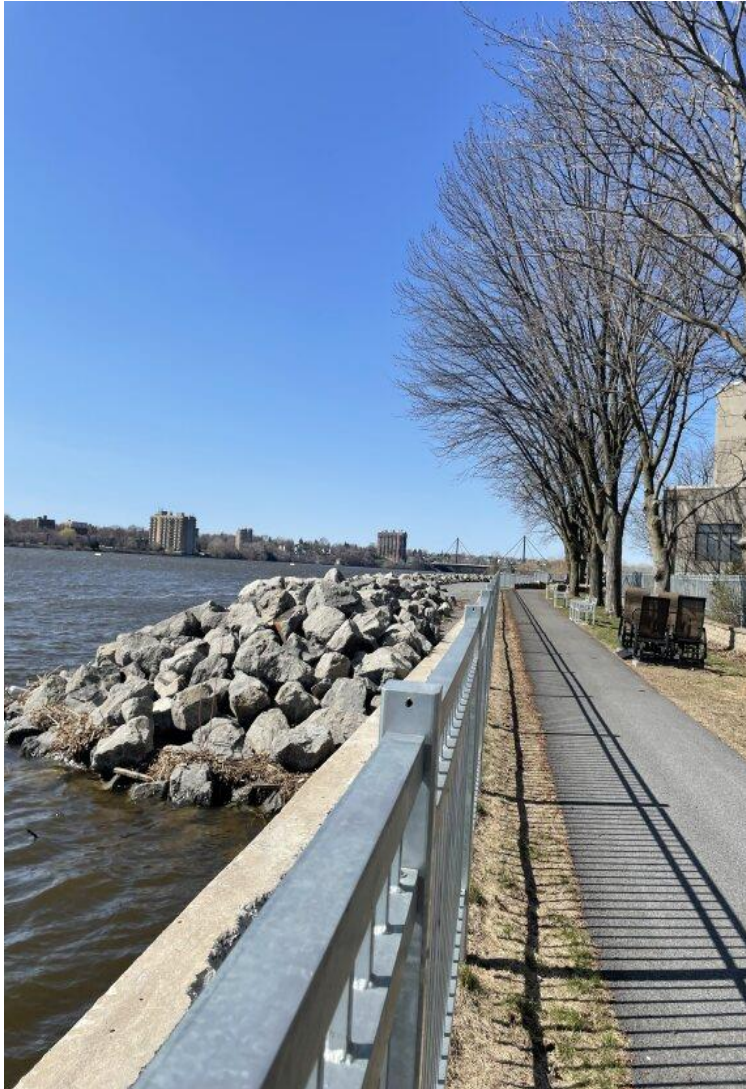


Do different locations share common environmental and social issues?

- Northern, remote, large territory
- Southern, urban, neighborhood size



Understanding the component of interest



**Power increase vs
refurbishing project**

Comparaison of issues for just and better project



Social and environmental acceptability

New project : Eastmain-Sarcelle-Rupert (ESR)

- North
- Increase in electricity generation
- The same water is used to generate electricity 4 times
- A green kilowatt : a very profitable drop of water

Simon-Sicard (SS)

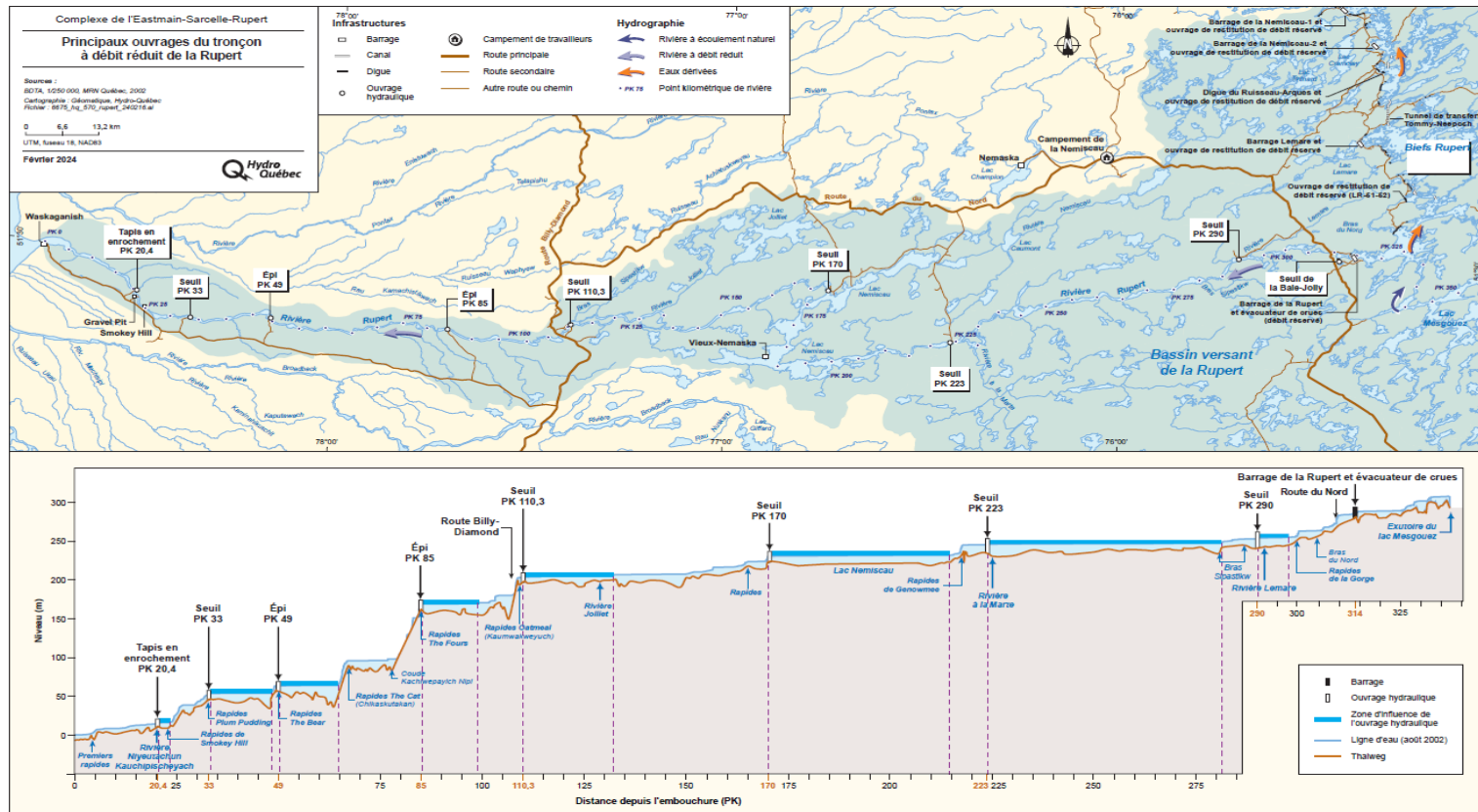
- South, urban project
- No added power or energy
- 1.7 km of wall maintenance
- Same electricity generation as before
- A green kilowatt : a very profitable drop of water

ESR	Issues / Valued Component of the Environment	SS
●	Conservation of fish habitat	●
●	Maintenance of terrestrial and semi-aquatic biodiversity	●
●	Preservation of Indigenous quality of life and land use	●
●	Maximization of economic spinoffs for Indigenous and Non-Indigeneous	X
●	Maintenance of recreational and scenic value of the land	●

Maintain water levels / ecological function

8 hydraulic structures built on the Rupert river

An answer to all 5 environmental and social issues



Creation of an inclusive citizen space



Dialogue & Discussion

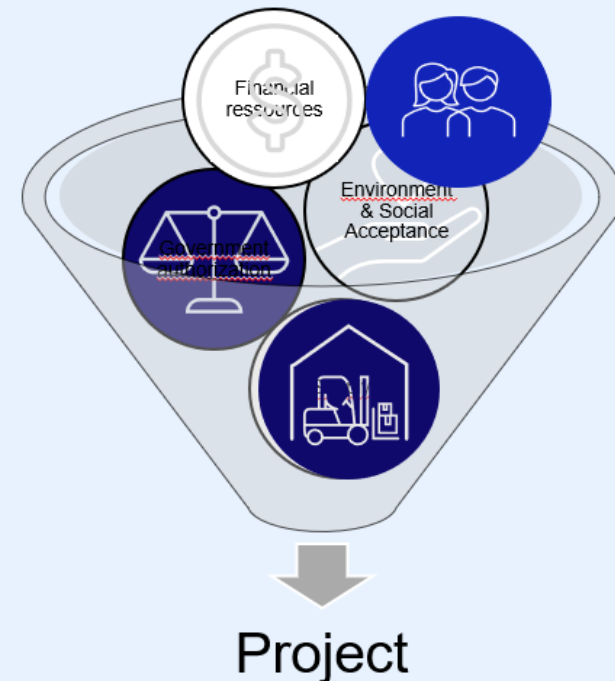
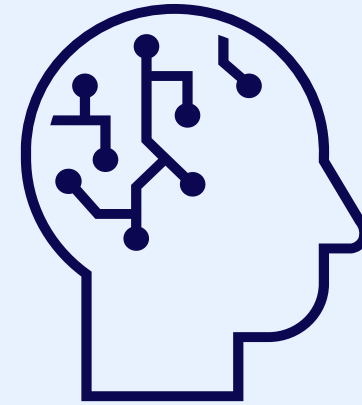
- 2007-2023 :
134th meetings
- 1 permanent committee
- 15 members (8 Crees)



- 2019-2022
- More than 10 groups
- Citizens

Continuously
TRANSPARENT
Outreach • **listening**
Significant
Durable
representational

A new player in this project « *ecosystem* » ?



Fast ? Just and better project

PAST

+

NOW

+

FUTURE

- **Good renewable projects**
- **Create a vision for the local community**
- **Create job for the community**

Real and significant **consultation**

Maintain preserve **biodiversity**, recreational and **scenic value** of the land

Put the environment and the community at the **center of the decision making**

Don't rush the process (good and significant consultation) → **COMMITMENT**

Artificial intelligence :

better and faster data collection, monitoring, faster IA writing, tool to improve surveillance efforts, etc

RISK : lost of regional and community subtlety ?

ADAPTATION



Thank you