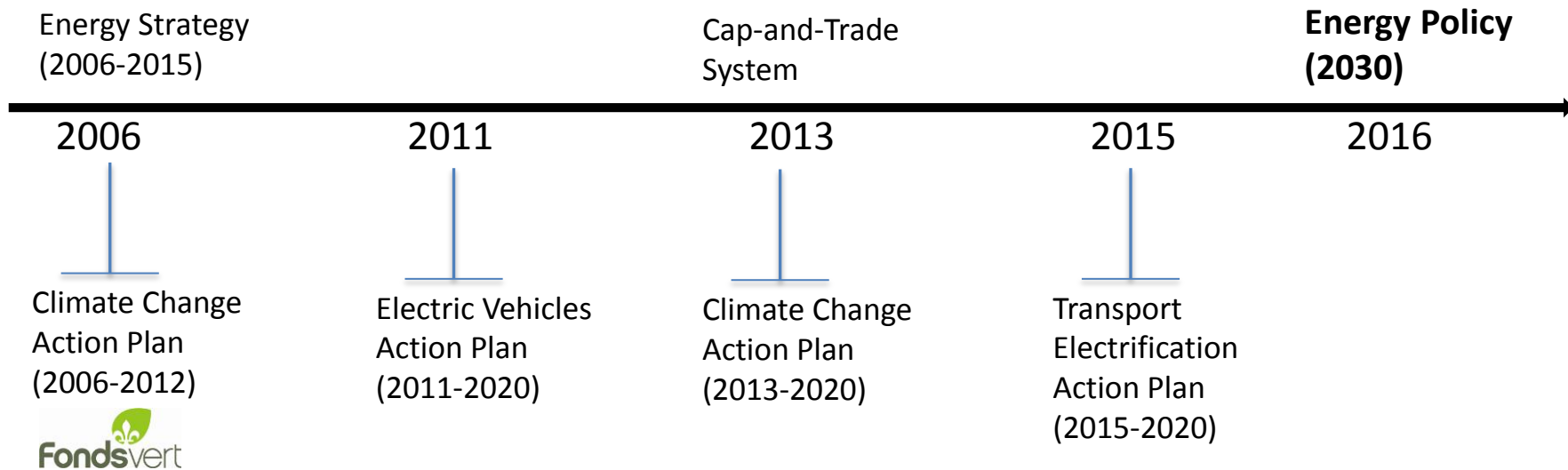


Québec 

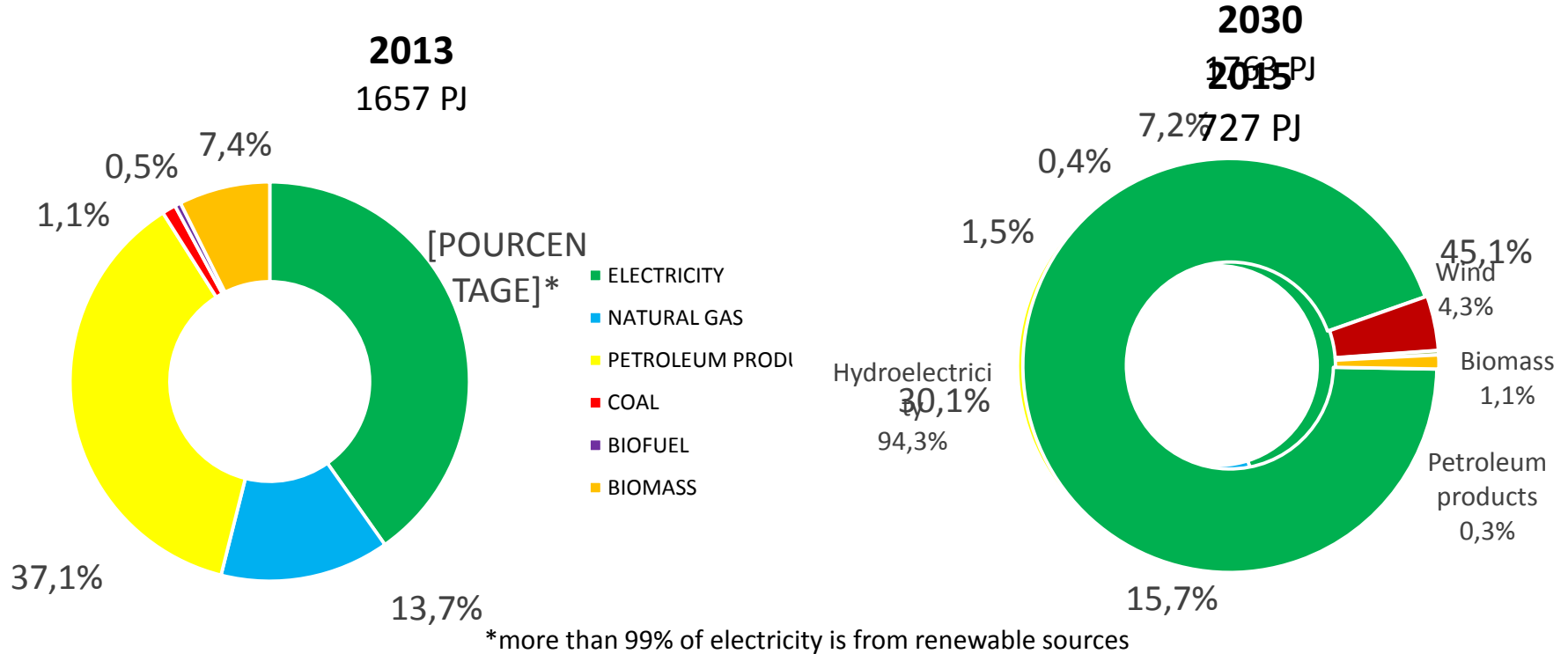
# Québec's journey toward energy transition

# Québec's journey toward energy transition

## A few milestones



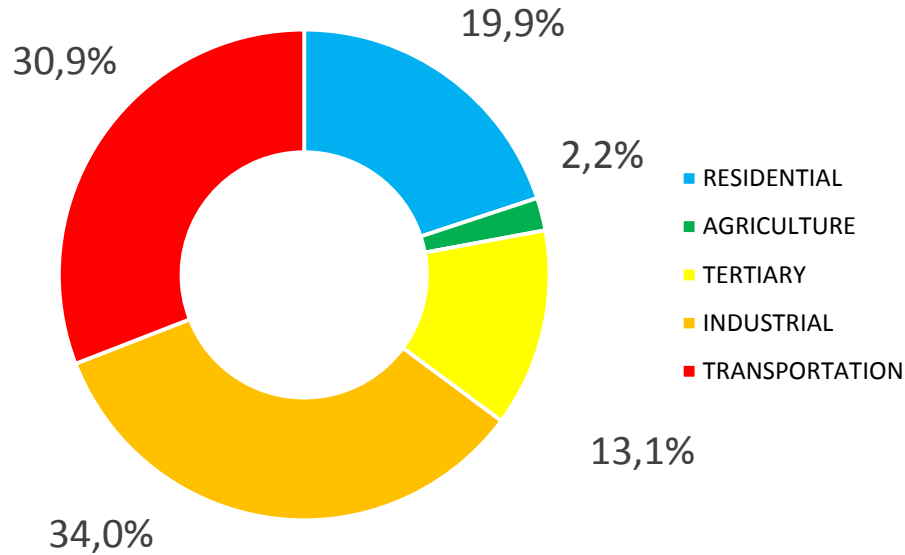
# Consumption by energy source



# Consumption by area of activity

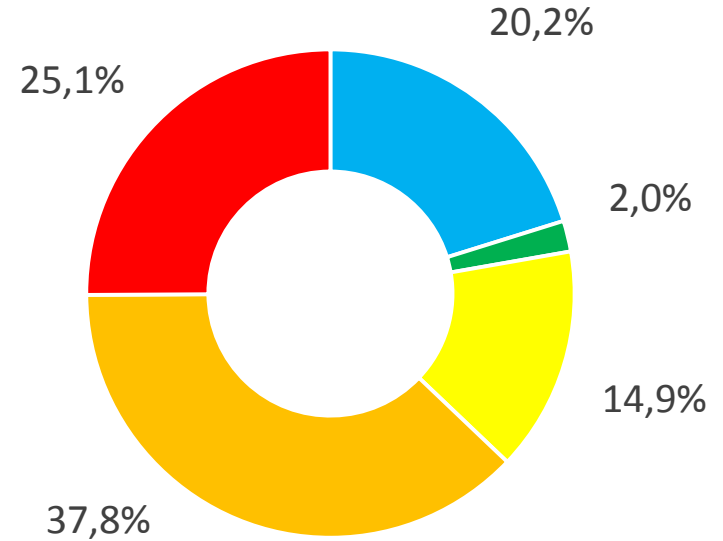
**2013**

1657 PJ



**2030**

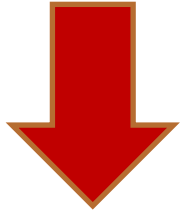
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# The 2030 Energy policy



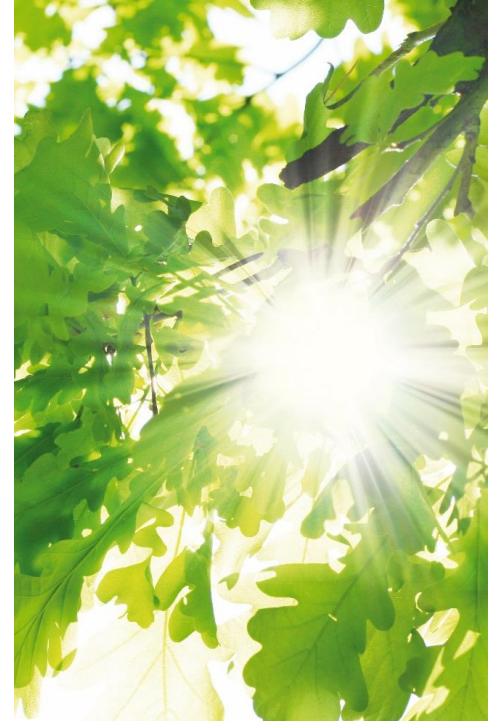
- 15% Enhance energy efficiency
- 25 % Increase renewable energy production
- 50 % Increase bioenergy production



- 40% Reduce the consumption of petroleum
- Eliminate the use of thermal coal



Creation of Transition énergétique Québec



# Transition énergétique Québec

Crown corporation created to orchestrate Quebec's energy transition

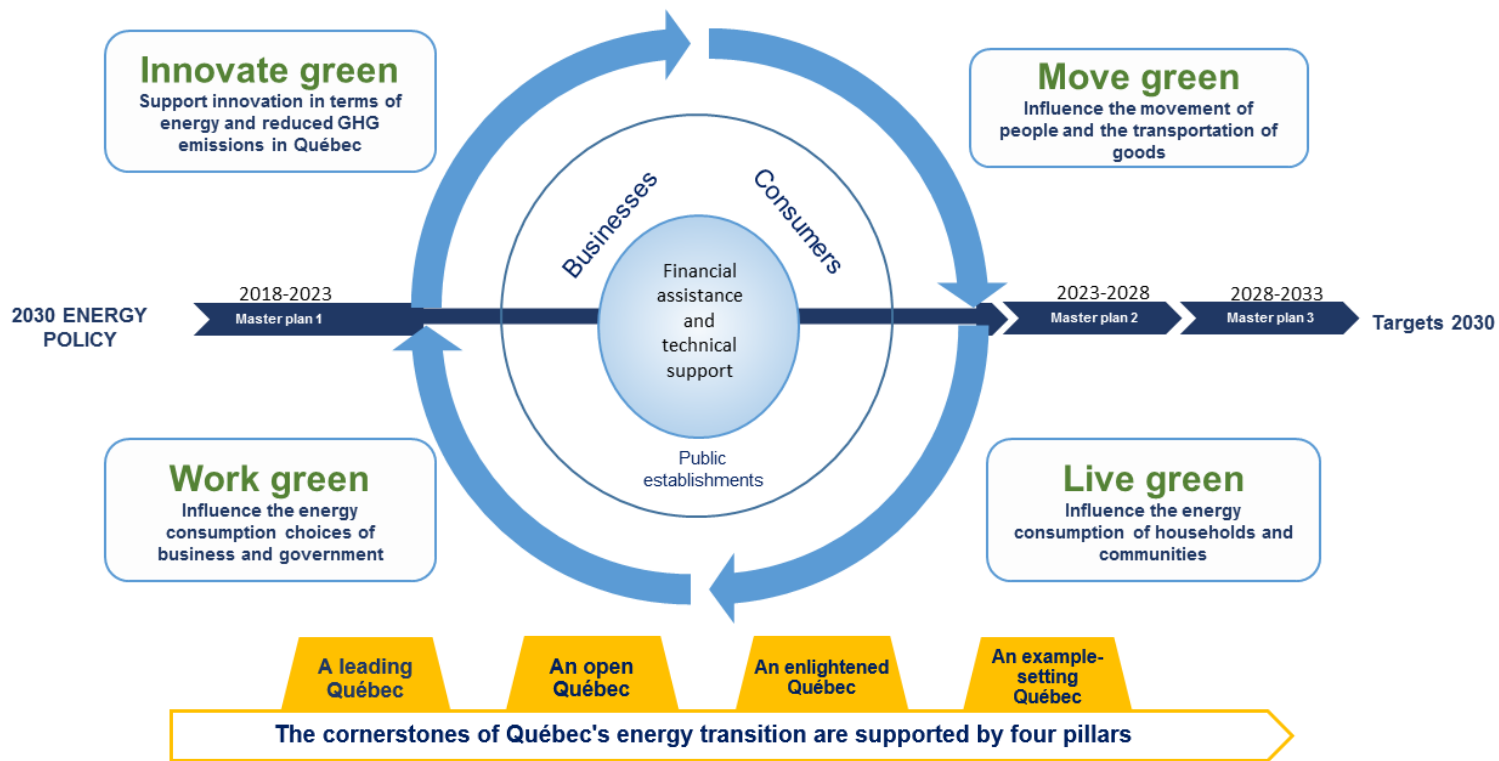
Mission:

- **Support, encourage and promote** energy transition, innovation and efficiency
- **Coordinate** the implementation of all actions required to meet the targets set out by the Government of Québec



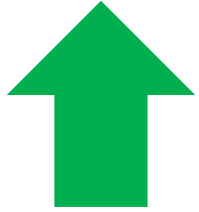
# The energy transition, innovation and efficiency master plan

## Consuming better and more responsibly

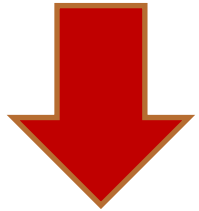




# The Master Plan targets



**1 % per year** energy efficiency average



**5 %** petroleum global consumption in comparison to 2013



# Quebec's energy transition Master Plan

## Objective:

Integrate all energy transition, innovation and efficiency measures and programs into a comprehensive action plan.

- Includes all governmental and utilities measures
- Result of an extensive public consultation
  - Sector diagnostics
  - Online consultation platform ([consultation.teq.gouv.qc.ca](http://consultation.teq.gouv.qc.ca))
  - Thematic workshops
  - More than 100 memoirs

# Process findings

- 1) Ambitious targets leads to the need to revisit, question and optimize the historical approaches
- 2) Data collection and compilation is a challenge
- 3) Data availability and analysis tools are required to
  - Follow the target's achievement
  - Establish the impact of specific policies or approaches
  - Identify the most effective measures

We need to continue improving our knowledge base

# Work ahead

## Statistics

- Collect statistical data on energy and produce sectoral portraits
- Establish a harmonized accountability methodology for energy transition and GHG reduction interventions
- Promote and contribute to the transparency in the energy field through the Open Data Government initiative

## Analysis

- Develop tools and capacity for modeling energy demand and GHG emissions
- Undertake the environmental impact (life cycle) analysis of different energy sectors
- Conduct an analysis of the socio-economic impacts of the energy transition, including the impacts on the workforce

# RLS Energy Network : Roadmap

## Monitoring report

- Regional energy systems face common challenges
- Cooperation is a mean to address region-specific challenges

## Next steps

- Developing a vision
- Establishing a roadmap
- Implementing report on results

# Supporting the transition

## Potential collaboration avenues

- 1) Data gathering and sharing
  - Efficient ways to gather data
  - Open database
  - Transparency
- 2) Guiding decision makers
  - Identifying key indicators
  - Policy efficiency analysis tools
- 3) Reporting results
  - Robust and credible data
  - Increase buy-in by all stakeholders

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# Thank you

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Québec 