

TerriSTORY®

An online tool for
territorial planning

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Project Manager
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**Auvergne
Rhône-Alpes**
Énergie Environnement

Avec le soutien de :



La Région
Auvergne-Rhône-Alpes



Who are we?

A centre for resources

1500
requests/an

A multi-thematic expertise coupled with the **production of local data**

A hub for the creation and sharing of innovative projects

70
live projects

Local projects with **territories** to innovate, share ideas and lessons learnt
Around 15 ongoing **European projects**

Mobilisation of actors

450
partners

A **highly-skilled network** (Sustainable public procurement, renewable energy actors, adaptation to climate change)

80 active members

Ils nous soutiennent



TerriSTORY®:

An online data and planning tool



Why develop this tool?

Governance of the project

Current and future development





Why develop this tool?



National & Regional Objectives

France's national objective is to be “**Carbon Neutral**” by 2050

- How does this correspond to regional objectives?
 - Short-term and long-term (2030/2050)
- How can the local territories contribute to this?
- Local governments are obliged to develop a Sustainable Energy and Climate Action Plan (SECAP)

An introduction

First launched in 2018, TerriSTORY® is a project that...

- ...contributes to the management of energy and climate transition policy, at regional and local levels
 - By tracking regional policy trajectories and objectives
 - By analysing local contributions to these objectives
 - By aiding the implementation and management of these regional and local strategies
- ...makes the link between the agency's different missions across the various themes and sectors

An introduction

TerriSTORY®...

- ...creates a community of public actors facing climate and energy challenges
- ...is supported by a group of stakeholders promoting the management of data as a collective good
- ...is a project led by a consortium of actors representing 6 regions in France, permitting a mutualisation of development efforts

Contributing organisations



Regional contributors in Auvergne Rhône-Alpes



Coordinator  Auvergne Rhône-Alpes Énergie Environnement

With technical aid from:



Primary role and requirements

- Making comparable and consistent data, produced by data observatories, accessible to territories in transition
- A tool to pilot the energy and climate transition using a multi-thematic and transversal approach
 - E.g. renewable energy potentials, proportion of natural spaces, energy consumption, GHG emissions, mobility options, etc.
- Highlighting economic and social indicators for various action plans
 - E.g. employment, tax benefits, added value, etc.
- Harmonising national, regional and local energy and climate objectives





Governance of the project

Governance

TerriSTORY® is a project co-constructed with the local territories

A multi-level governance system is in place:

- *National project consortium* for global strategic direction (since 2020)
- *National pilot committee* governs overall developments
 - Annual budget
 - Partner organisations
 - Intellectual property
- *Regional pilot committees* govern localised developments
- Project partners may also contribute on their own accord



Current and future developments



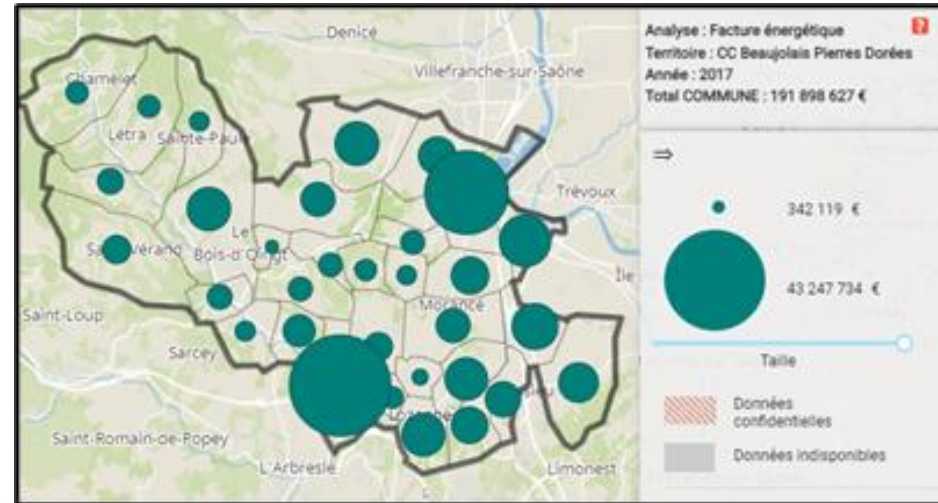
Simple interface, complex messages

Detailed analysis by area

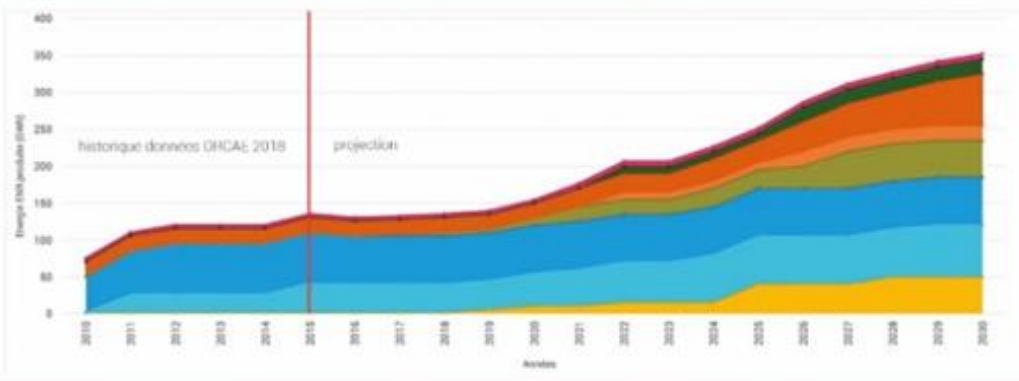
Current and historic data analysis

Renewable energy production and potential

Mobility indicators



Exemple de l'impact d'un plan d'actions territorial sur la production d'énergie renouvelable



Energy system forecasting

Scenario simulation

Socio-economic and environmental impacts

Development of local SECAP plans

All-in-one analysis dashboard

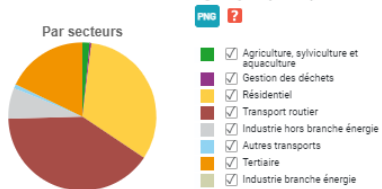
Latest addition

Territoire : CA Villefranche Beaujolais Saône

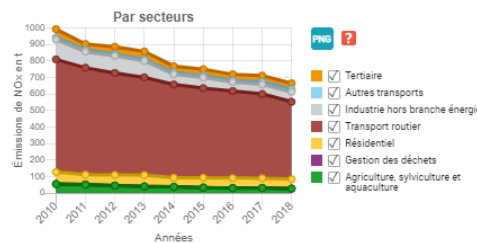
Ce tableau de bord, à travers quelques indicateurs incontournables, propose une vision synthétique des enjeux de transition du territoire. Pour aller plus loin dans l'analyse, n'hésitez pas à consulter le détail des indicateurs dans le menu Indicateurs.

Enjeux sectoriels

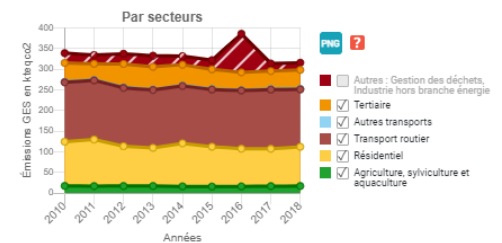
Facture énergétique (2017)



Émissions de NOx

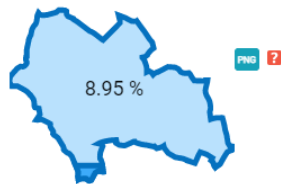


Émissions GES

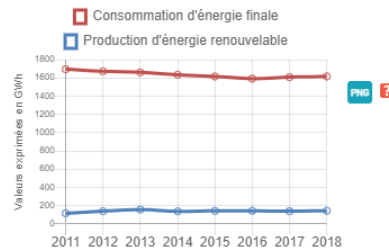


Enjeux énergétiques

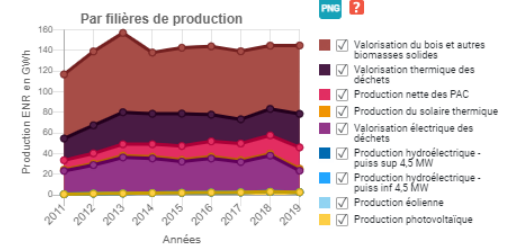
Part Enr/Consommation d'énergie (2018)



Part Enr/Consommation d'énergie



Production ENR



Developments in progress

Thanks to the actors involved in the project, and ongoing National and European projects, TerriSTORY® is in constant evolution

- An innovative **analysis dashboard** to track progress towards objectives
- **New indicators** to present new data sets, such as in mobility
- Visualisation of **energy flows** (Sankey diagrams)

With increasing popularity, the coverage area is growing

- From 1 to 6 French regions in just **3 years**
- Increasing interest on the **international** stage

TerriSTORY® is soon to be **Open-Source!**

- Allowing users to contribute to the improvement of the tool

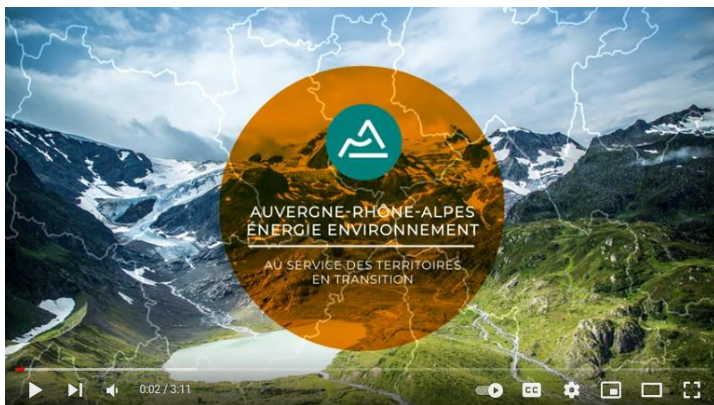
TerriSTORY®

Go and see the tool in action...

www.terristory.fr

Thank you for your attention!

All about our agency in 3 minutes...



Contact : Thomas Knight, Project Manager
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www.auvergnerhonealpes-ee.fr

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