TerriSTORY®
An online tool for territorial planning
Thomas Knight
Project Manager
7th October 2021
Who are we?

A centre for resources

- A multi-themed expertise coupled with the production of local data
- 1500 requests/an

A hub for the creation and sharing of innovative projects

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

Mobilisation of actors

- A highly-skilled network (Sustainable public procurement, renewable energy actors, adaptation to climate change)
- 450 partners
80 active members
TerriSTORY®: An online data and planning tool

Why develop this tool?

Governance of the project

Current and future development
Why develop this tool?
France’s national objective is to be “Carbon Neutral” by 2050

• How does this correspond to regional objectives?
  o 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)
First launched in 2018, TerriSTORY® is a project that...

• ...contributes to the management of energy and climate transition policy, at regional and local levels
  o By tracking regional policy trajectories and objectives
  o By analysing local contributions to these objectives
  o 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

Coordinator

With technical aid from:

Regional contributors in Auvergne Rhône-Alpes
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
  o 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
  o E.g. employment, tax benefits, added value, etc.
• Harmonising national, regional and local energy and climate objectives
Governance of the project
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
  o Annual budget
  o Partner organisations
  o 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

Energy system forecasting
Scenario simulation
Socio-economic and environmental impacts
Development of local SECAP plans
**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)**

<table>
<thead>
<tr>
<th>Par secteurs</th>
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<tbody>
<tr>
<td>Agriculture,ylviculture et apiculture</td>
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<tr>
<td>Gestion des déchets</td>
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<tr>
<td>Résidentiel</td>
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<tr>
<td>Transport routier</td>
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<tr>
<td>Industrie hors branche énergie</td>
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<td>Autres transports</td>
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<tr>
<td>Tertiaire</td>
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<td>Industrie branche énergie</td>
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**Émissions de NOx**

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<td>Gestion des déchets</td>
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**Émissions GES**

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### Enjeux énergétiques

**Part Enr/Consommation d'énergie (2018)**

8.95 %

**Part Enr/Consommation d'énergie**

<table>
<thead>
<tr>
<th>Consommation d'énergie finale</th>
<th>Production d'énergie renouvelable</th>
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<tbody>
<tr>
<td></td>
<td>1600</td>
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**Production ENR**

<table>
<thead>
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<th>Par filières de production</th>
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<tbody>
<tr>
<td>Valoration du bois et autres</td>
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<tr>
<td>Gestion thermique des</td>
</tr>
<tr>
<td>Production électrique des</td>
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<tr>
<td>Produit vente des RHC</td>
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<tr>
<td>Production du solaire thermique</td>
</tr>
<tr>
<td>Valorisation électrique des</td>
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<tr>
<td>Production électrique -</td>
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<tr>
<td>Production photoélectrique -</td>
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<tr>
<td>Production éolienne</td>
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<tr>
<td>Production hydraulique</td>
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<tr>
<td>Production photovoltaïque</td>
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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
Go and see the tool in action…

www.territory.fr
Thank you for your attention!

All about our agency in 3 minutes…

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www.auvergnerhonealpes-ee.fr