



# Involving Stakeholders in the Transition to Low-Carbon Societies

## Regional Climate, Energy & Air strategies design Experience from France

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**Energies Demain**

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# Overview

- Context of Energies Demain involvement
- Challenges to take up
- Examples of practices for leading the discussion with stakeholders on policies & quantified targets

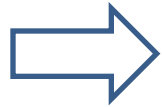




# Background

Energies Demain, an engineering consultancy specialised in:

- Developing models and scenarios to identify possible pathways to reduction targets
- Helping public authorities design low-carbon strategies and action plans



2 distinctive sets of competencies, slowly being brought together

Reconciling the two, a democratic challenge





# Challenges to take up

Build capacity among civil society by explaining issues and possible pathways to low-carbon future

- Engage multi-disciplinary and multi-actors workshops with experts, stakeholders to translate scenarios into short and medium-term objectives
  - Share possible pathways and transfer knowledge from experts to civil society and political leaders
  - Identify the obstacles and opportunities for action to complete and consolidate scenario

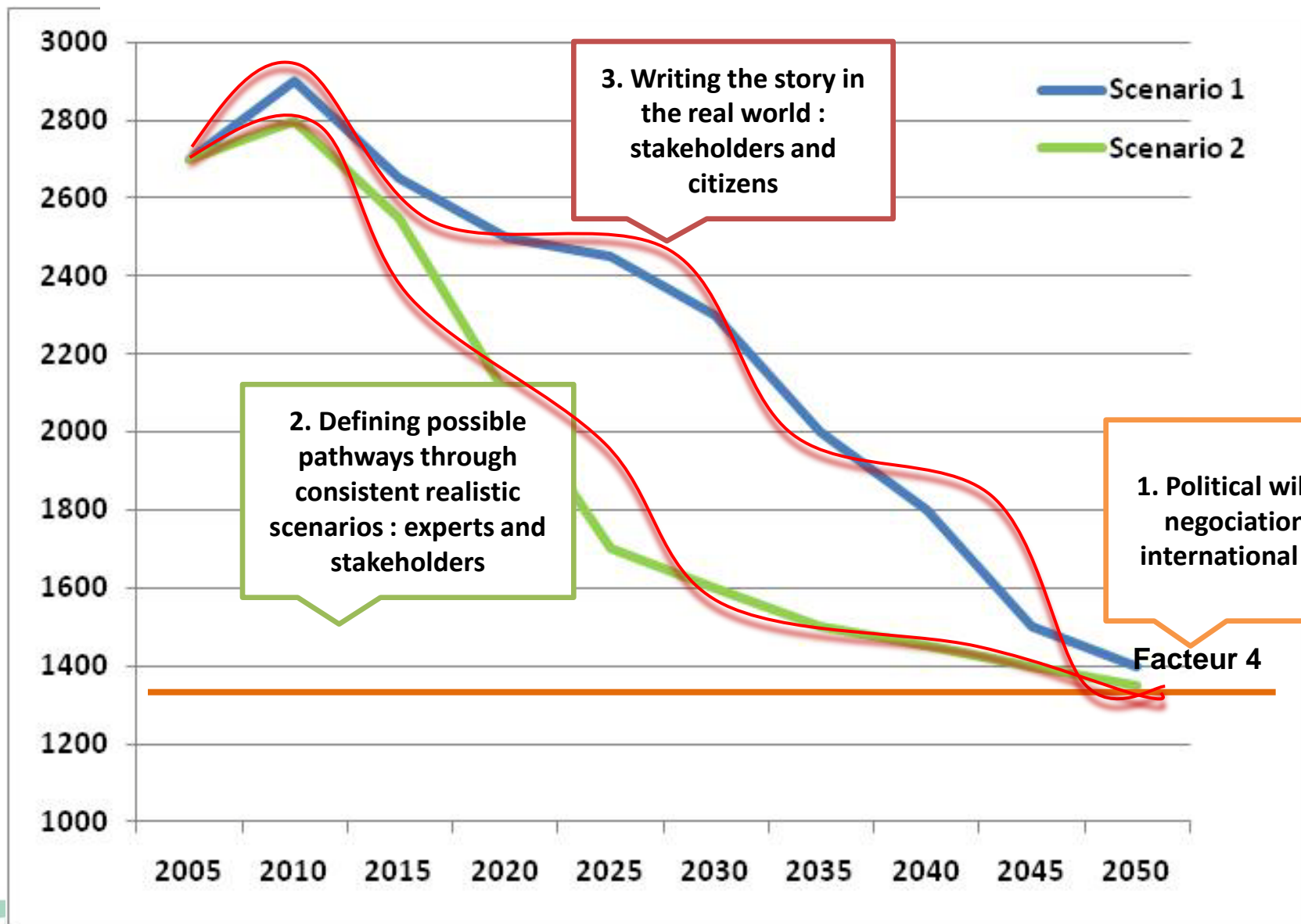
Engage stakeholders and citizens in defining adequate action plans

- Discuss obstacles and opportunities for action in the light of local context
- Translate pathways into tangible actions
- Identify potential obstacles and benefits for action (impacts of actions on everyday life)

Enrich scenarios with proposals of actions from workshops



# A scenario: a goal, an outline, a story...



# Defining a strategy – working groups support

<b>Chantier 1: Retrofitting of buildings</b>						
<i>Sous-Chantier</i>	<i>Energy efficiency</i>	<i>CO2</i>	<i>Renewables</i>	<i>air quality (exterior)</i>	<i>Weaknesses/blocking factors</i>	<i>Strengths/Opportunities</i>
<i>Retrofitting of individual houses</i>	+++	++	0	++	<p><b>Coût</b> pour les ménages  <b>Temps de retour sur investissement</b> trop long                      Impact sur l'air intérieur</p>	<p><b>Mesures nationales existantes</b> (prêt à taux zéro, crédit d'impôt, etc ...).                      71% des logements !  <b>Centre de ressources Bourgogne Bâtiment Durable</b></p>
<i>Retrofitting of social houses</i>	++	++	0	++	<p><b>Financement difficile</b> de la part des bailleurs qui ont peu de marges de manœuvre                      Complexité et <b>morcellement des aides</b> à l'investissement</p>	<p>Une <b>gestion intégrée</b> du patrimoine et une vision à long terme.                      Possibilité de réaliser des <b>économies d'échelles</b> (mutualisation)  <b>Nombre d'interlocuteurs</b> réduits (par rapports aux logements privés)</p>
<i>Retrofitting for house in co-ownership</i>	++	++	0	++	<p><b>Gouvernance des copropriétés</b> et délais. Des travaux qui ne bénéficient pas au financeur dans le cas des logements loués</p>	<p><b>Centre de ressources Bourgogne Bâtiment Durable</b></p>

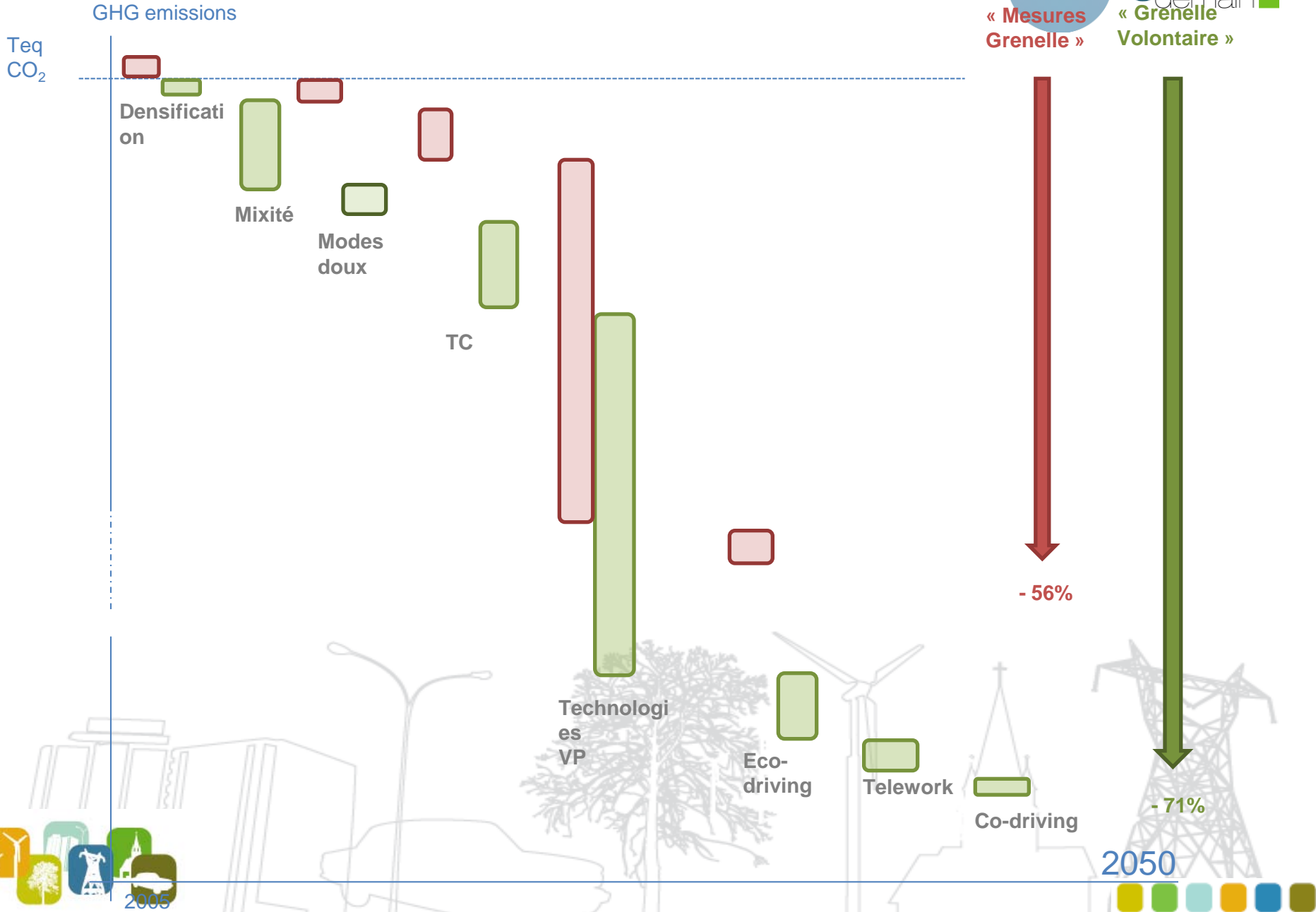


# Defining quantified objectives – working groups support



« Mesures Grenelle »

« Grenelle Volontaire »



Thanks for your attention

