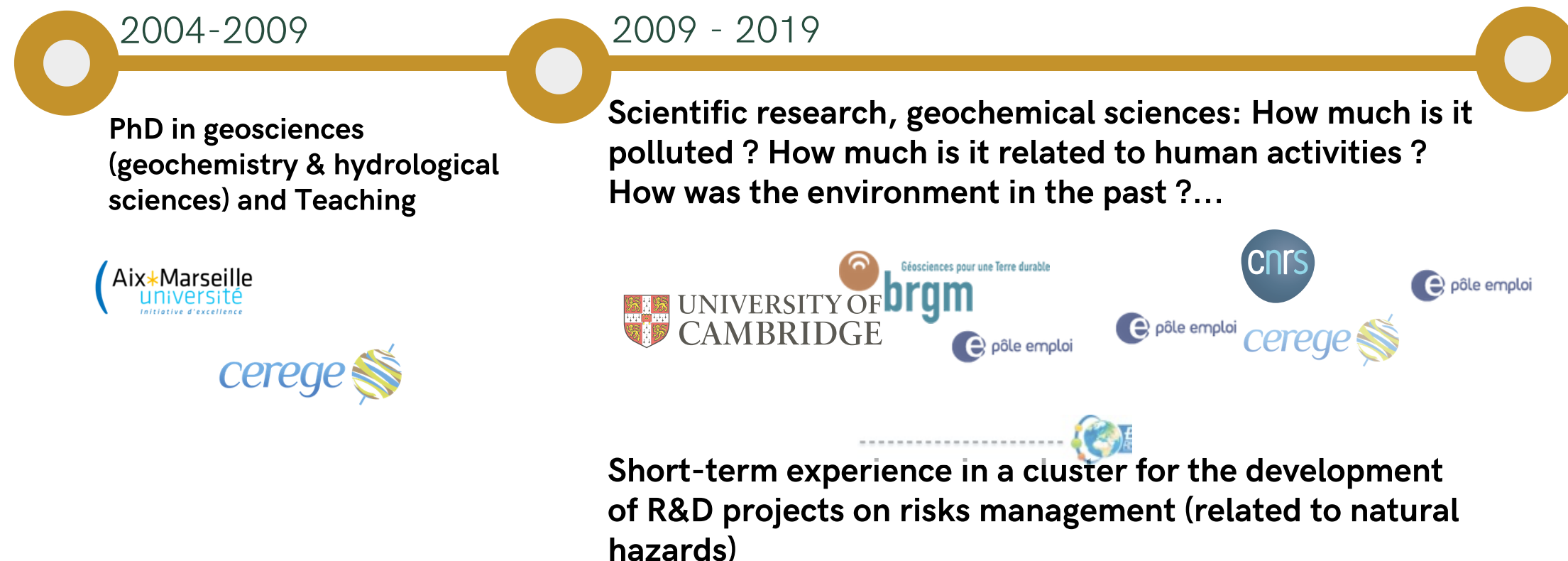


| Julie Gattacceca

Analytical Geochemist in Environmental Sciences



A network of experts on climate change bringing science to society and decision makers in the south east of France

Science communication interest

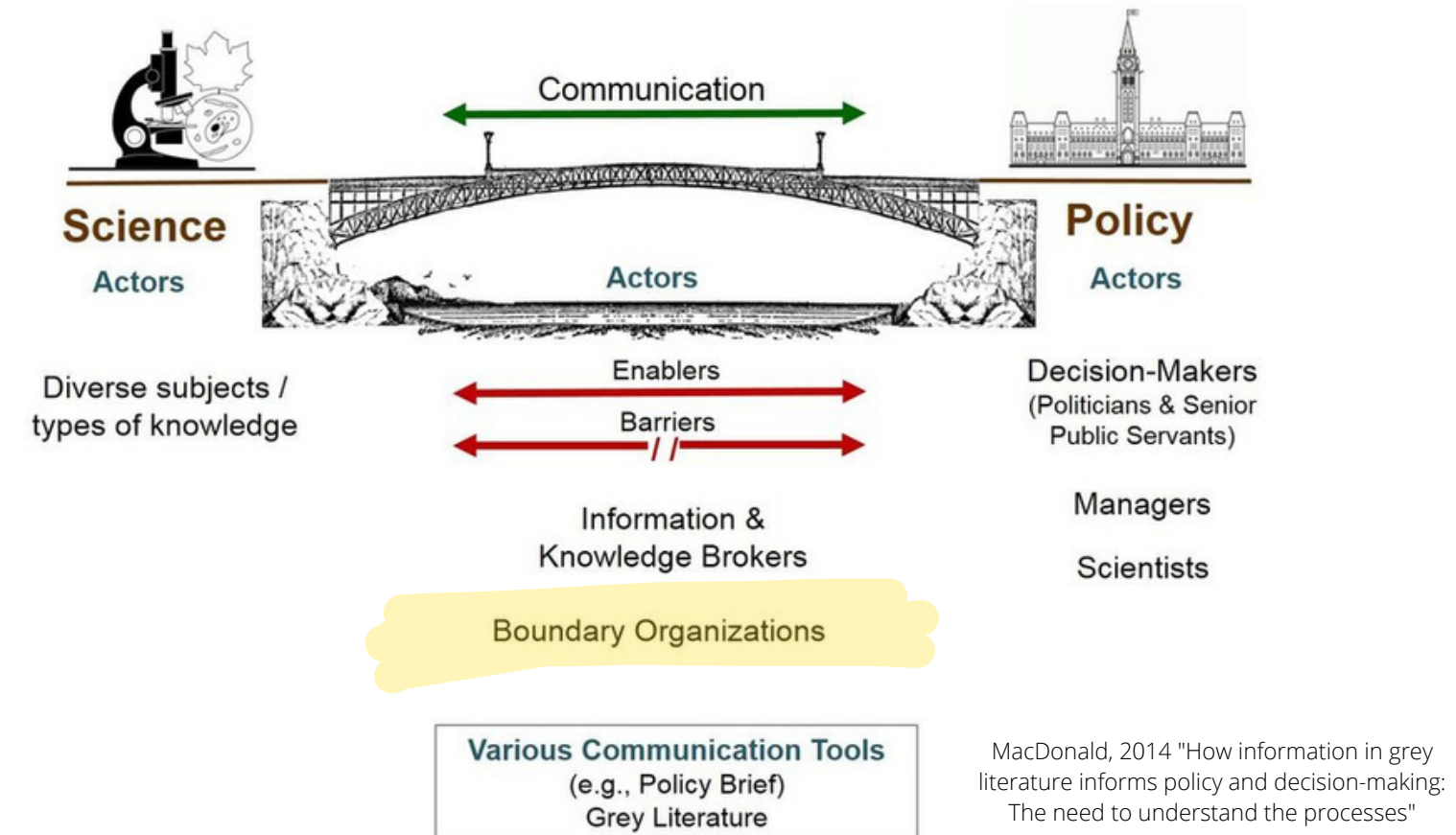
2012 - ...



Grec-Sud, one of the regional science-policy non-governmental interfaces in France on climate change

Regions have distinctive mixes of hazards, exposures and vulnerabilities, which are influenced by complex interdependencies, capacities and governance structures.

- There is a strong need for scenarios at regional and local scales to enable appropriate impact assessments and plan of actions
 - Good policies/governance need good science
 - Real need to strengthen the scientific base of environment and sustainable development in governance institutions



A variety of legal status and human/financial capacities sharing the same mission:

Transferring knowledge on the region's changing climate, and connecting with regional decision-makers to improve evidence-based policy making at the regional and local level.

Downscaling the climate change assessment approach to fit the regional level
Publicising for a wide display of stakeholders the findings of the scientific community

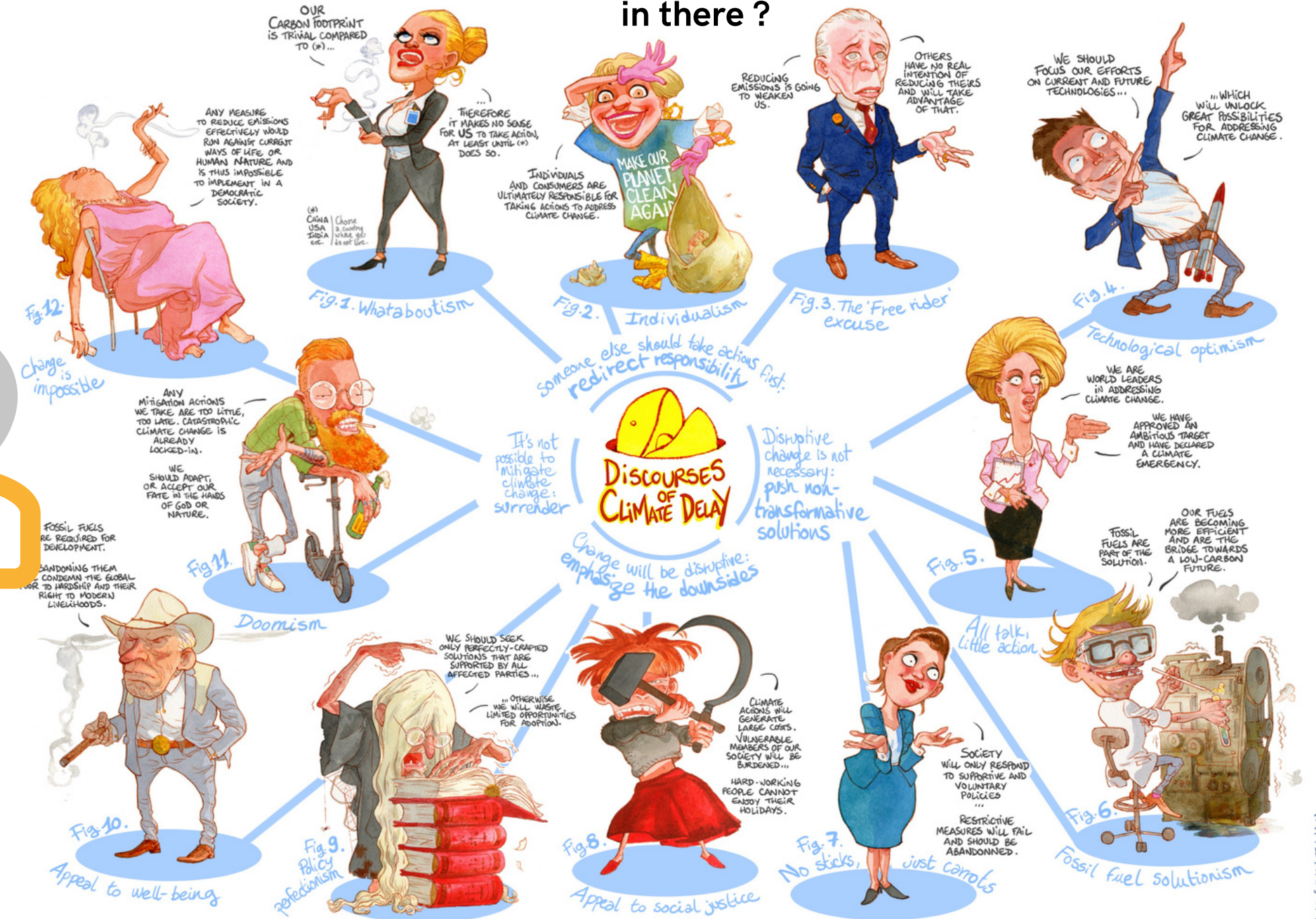
Providing regional and local decision-makers with a more relevant and convenient set of scientific information regarding the regional/local challenges, what we could call "useable knowledge"

Strengthen the dialogue between different actors and solutions-driven research

Mainly: be aware of "everything" that's going on, reach to experts
juggle different jargons, perceptions and expectations

Know your audience --> adapt the language : where is your politics or decider in there ?

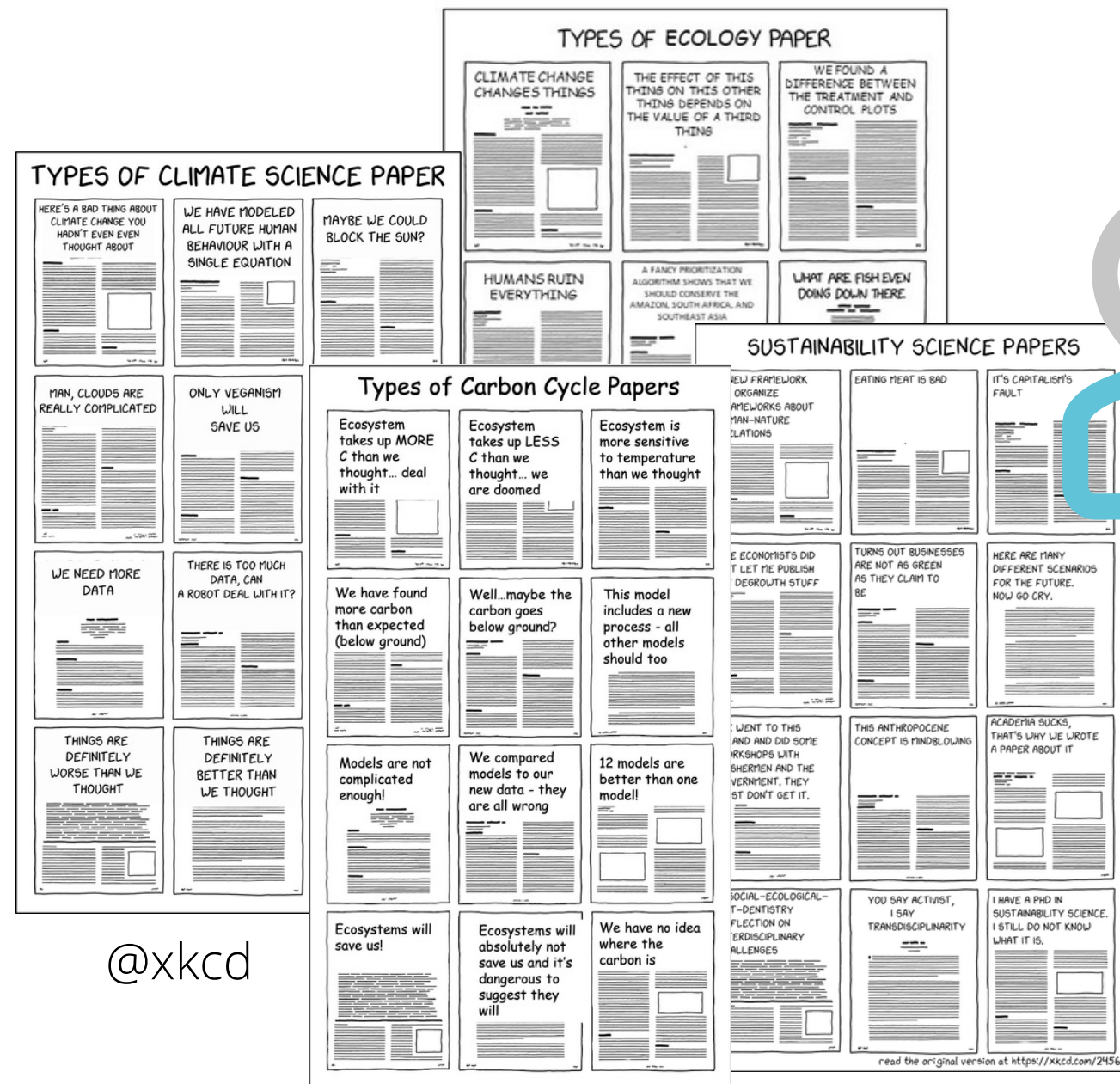
you are here



Discourses of Climate Delay: 10 Discourses of Climate Delay

Léonard Cheminau 2020 - Original article "Discourses of Climate Delay" published by Cambridge University Press in "Global Sustainability" :
Lamb, W., Mattioli, G., Levi, S., Roberts, J., Capstick, S., Creutzig, F., . . . Steinberger, J. (2020). Discourses of climate delay. Global Sustainability, 3, E17. doi:10.1017/sus.2020.13
(<https://bit.ly/3rjoDK1>)

Keep your cool, adapt, be a driving
force, be resilient



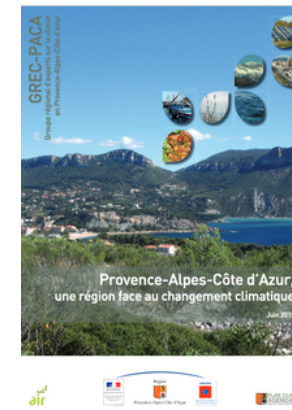
@xkcd

Compiling research and grey literature on climate change,
impacts and solutions (can be hard to stay put with all the
production and actions going on)

Building and mobilizing a network of scientists and experts,
that are going to be actively engaged in the process of
transferring their knowledge

The need of reference documents: thematical booklets...

- Comprehensive syntheses of available scientific knowledge on climate change at the local level
- in regards of the problematics and vulnerability of the areas towards climate change



1st booklet:
overview of the
local vulnerability
to climate change
2015



Local climate and
climate change
2015



Forest, Agriculture
2016



Coast and Sea
2017



Water resources
2017



Urban Cities
2017



Mountains
2018



Health
2019

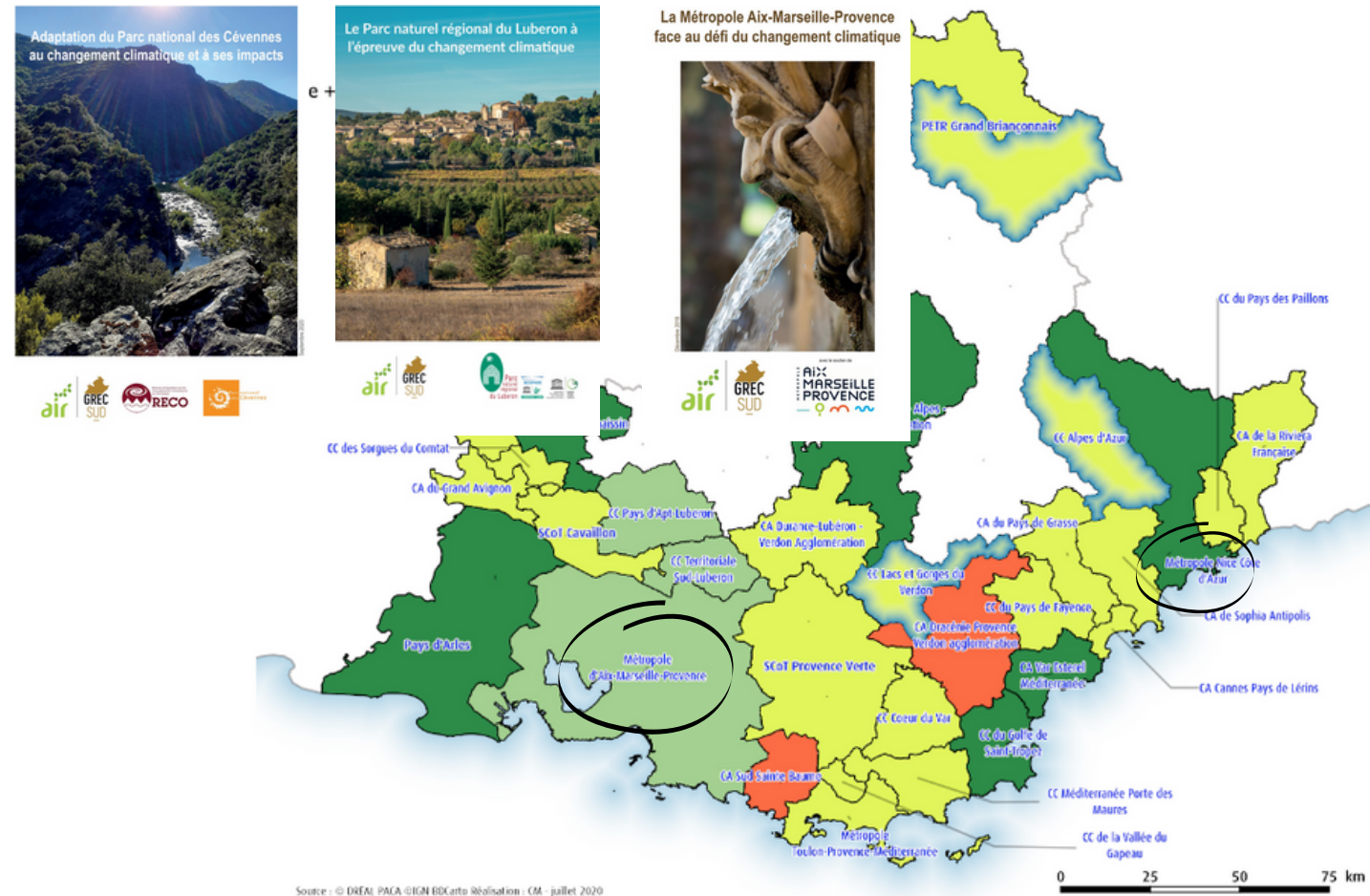
Ongoing: Perception, Biodiversity, Extreme events, Good practices, Food

**... followed by live events to interact on this:
continous formation, workshops, training session and
awareness/exchanges days between stakeholders,
policy makers and scientists**

Local Booklets

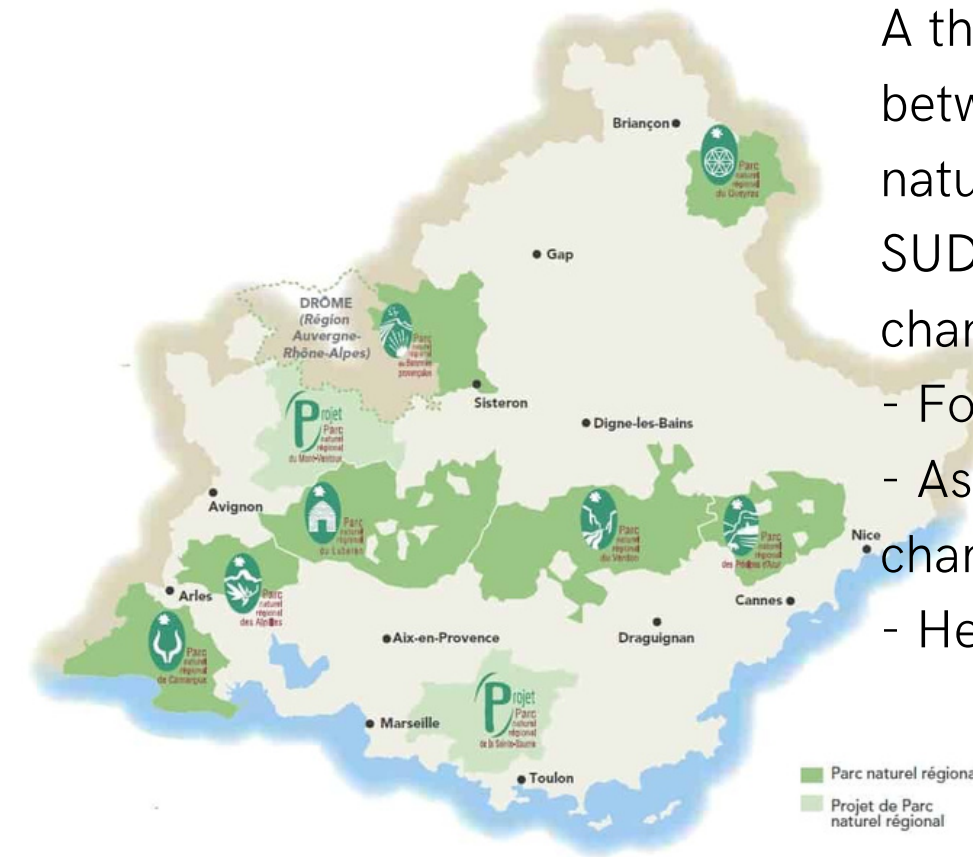
Comprehensive syntheses of the impacts of climate change and inherent risks at a local scale (towns, municipality communities, national/regional parks...)

Relatively new demand: In this already local scale, policy and decision makers want to know what to do at their event smaller territory that they manage



Local Support

Support the policy makers and managers integration of climate change problematics in local adaptation projects, mitigation projects, regional climate strategy aiming to reduce GHG (mitigation) and to take potential consequences into account (adaptation)



A three years convention exist since recently between the regional government, the regional natural parks and the GREC-SUD with the GREC-SUD supporting the Parc actors to integrate global changes issues at every level. Through:

- Formation/Education
- Assisting in the production of their territorial charter
- Helping build scientific projects on adaptation

My 1st yr experience: It is not smooth, it is staggering and complex but there is so much to do, and more awareness so it is exciting!

We are late !!

How ready are we to cope with climate change?
Extent of adaptation to sea level rise and coastal risks in local planning documents of southern France

Samuel Robert , Alexandra Schleyer-Lindenmann 

Show more 

+ Add to Mendeley  Cite

<https://doi.org/10.1016/j.landusepol.2021.105354>

[Get rights and content](#)

Under a Creative Commons [license](#)

[open access](#)

Highlights

- Local spatial planning is key in coastal territories' adaptation to climate change.
- Urban planning consideration of coastal risks is assessed for 65 French communes.
- Town planning documents make little mention of sea-level rise and risks.
- Adaptation will require more cooperation between local and central authorities.
- Results suggest local institutional resistance to adaptation on tourist coasts.

Difficulties:

The current way of thinking policital, economic and social development not suitable to profound transformation of the society we need to tackle the issues related to CC

"Gross Domestic Product growth" vs climate mitigation

Short-term view, lack of a systemic approach, difficulties to apprehend scientific uncertainties (sometime used as an excuse or played with for not developing rigorous policies and taking action)...

The local administratives often feel helpless, incompetent, fear of actions, difficulty to be innovative and bold, lack of national support

Lack of knowledge of fundings and current actions

Political incentive

++++

Citizen awareness is more and more important

Will to learn from past actions and current projects increasing

Development of science-society interfaces (and increase of research are made on science on it

More studies on the cost of inaction are being published

(Slightly) more awareness in the necessity of dealing with local problems through concertation procedures along with all the stakeholders (French citizen convention has recently proven the impact of collective intelligence)