



# The Paris Agreement and cities

**VILNIUS**

**november, 10th 2017**



# E2S: Energy and Environment Solutions



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## What is E2S?

### Ambitions

The consortium at the heart of the **Energy Environment Solutions (E2S)** project is composed of the **University of Pau and the Pays de l'Adour (UPPA)** and two national research organisations, **National Institute for Agronomy (INRA)** and **Institute for Research in Computer Science and Automation (Inria)**.

Become an international reference in **research** by pursuing a niche strategy in E2S's areas of excellence.



Become a force for **socio-economic** vitality and diversification by





Acclimaterra

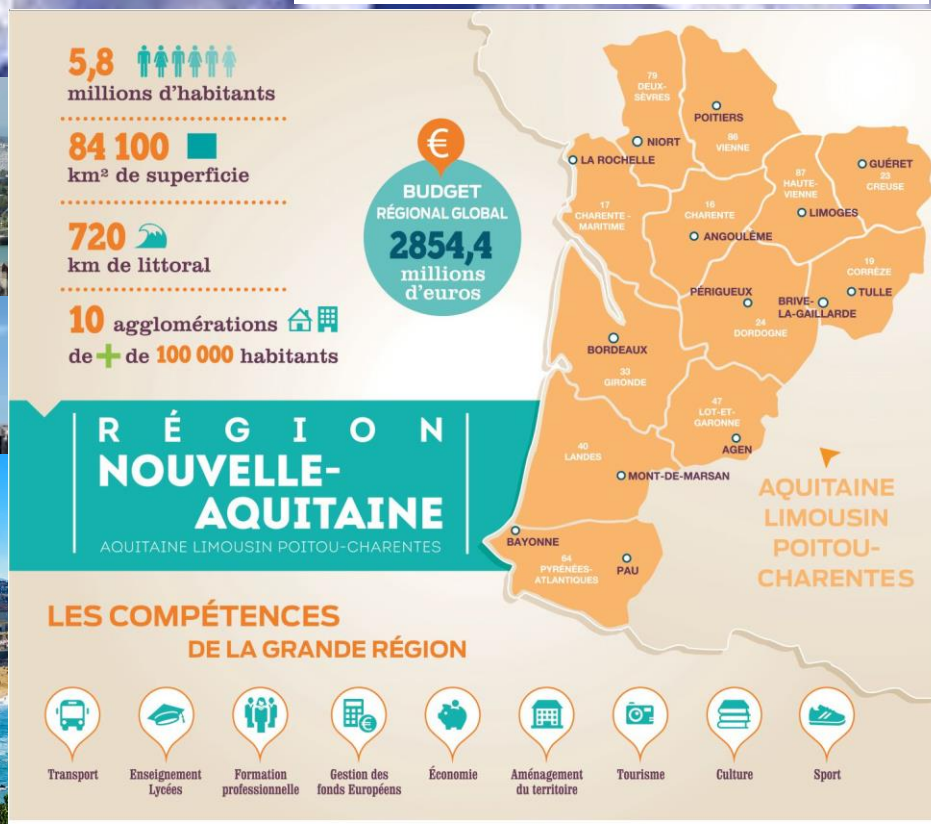
Presidence: Hervé Le Treut  
(expert in the IPCC -  
Intergovernmental Panel on  
Climate Change)

Regional Scientific Comitee on  
climate change

More than 20 scientifics in  
different fields (climate,  
geology, agriculture,  
economics,sociology,  
environmental law)



Nouvelle Aquitaine - France





Administrative and legal  
capabilities for  
territorial collectivities to  
participate in  
Paris agreement and  
climate change mitigation  
and adaptation



# I. Paris' Agreement

UNFCCC - 1992



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graph TD; A[UNFCCC - 1992] --> B[Kyoto - 1997 (+ Doha 2012)]; B --> C[Paris - 2015]
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Kyoto – 1997 (+ Doha 2012)

Paris - 2015

Holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5 °C above pre-industrial levels

# I. Paris' Agreement

treaty

Signed by  
states

Legal  
provisions

Mitigation  
Adaptation  
Finance  
Technology...

specific

Flexibility for  
states

Importance  
of non-state  
actors

“implemented to reflect equity and the principle of common but differentiated responsibilities and respective capabilities”

Intended Nationally Determined Contributions = INDC).

163 Parties have submitted their first NDCs.



NDC Registry  
(interim)

## II. Paris' Agreement and territorial collectivities

**Lima-Paris Action  
Agenda - 2014**  
**Climate and  
Territories Climate  
Submit – july 2015**

**Action Day -  
Subnational Day –  
décember 8th 2015**

**Regognized in  
Paris Agreement**

Pt 73 decision 1/CP.21:  
“Further decides  
to launch a workplan  
for the period 2016  
– 2020 ... (to) identify  
opportunities to  
strengthen capacity at  
the national, regional  
and subnational level”



## II. Paris' Agreement and territorial collectivities

### Lima-Paris Action Agenda

LMPAA: **joint undertaking** of the Peruvian and French COP presidencies

involves both **state and non-state actors** (cities, regions, international organizations, civil society, academic institutions, businesses)

enhance support to existing initiatives to accelerate the adoption of low carbon and resilient solutions and pathways

mobilize new partners

provide a platform for the visibility of their actions → NAZCA





# II. Paris' Agreement and territorial collectivities

**NAZCA = Non-state Actor Zone  
for Climate Action**

NAZC

Tracking Climate Action

Search

See who's taking action

Browse

CITIES

REGIONS

INVESTORS

CSOs

TOTAL COMMITMENTS

Join

Register your commitments

Trakai

Lithuania

2

## COOPERATIVE ACTIONS (1)

### Covenant of Mayors

Reduce greenhouse gas emissions by at least 20% by 2020 through the implementation of a Sustainable Energy Action Plan adopted in Council and report on progress every two years



ENERGY  
ACCESS &  
EFFICIENCY



RENEWABLE  
ENERGY



EMISSIONS  
REDUCTION

MORE >

## INDIVIDUAL ACTIONS (1)

### Reduce community-wide CO2 emissions by 27% from 2009 to 2020



EMISSIONS  
REDUCTION



# III. Pathways for cities

## National and European tools :

- Agencies (ex: ADEME)
- Observatory (ex: Observatoire des Pyrénées)
- Financial instruments (ex: energetic transition national fund; european regional funds FEDER)

## Partnerships

- With public entities (ex: universities)
- With private actors (ex: businesses)

cities

## Legal framework for long term cooperation:

- With national cities (ex: EPCI)
- With an other european city (ex: GECT)



**Merų paktas**  
dėl klimato ir energetikos

Merupaktas.eu Mano Paktas

[Apie](#) [Veiksmai](#) [Dalyvavimas](#) [Pagalba](#) [Žiniasklaida](#)

Paieška...

OK

lietuvių (lt)

**2,386,379,981**  
*Gyventojai*

Merų paktas dėl klimato ir energetikos, kurį Europos Komisijos narys Miguelis Ariasas Cañete'as pavadino didžiausia pasaulyje miestų klimato ir energetikos iniciatyva, vienija tūkstančius vietos ir regiono valdžios institucijų, savanoriškai įsipareigojusių įgyvendinti ES klimato ir energetikos tikslus savo teritorijoje.

Prisijungusios naujos institucijos įsipareigoja sumažinti išmetamąsias CO<sub>2</sub> dujas ne mažiau kaip 40 % iki 2030 m. ir parengti integruotą metodą, kaip sušvelninti klimato kaitą ir prie jos prisitaikyti.

[Skaityti daugiau](#)



NAUJAS MERŲ PAKTAS

VEIKLŲS MERAI

PAKTO ŽEMĖLAPIS

PAKTAS SKAIČIAIS

Covenant of Mayors News

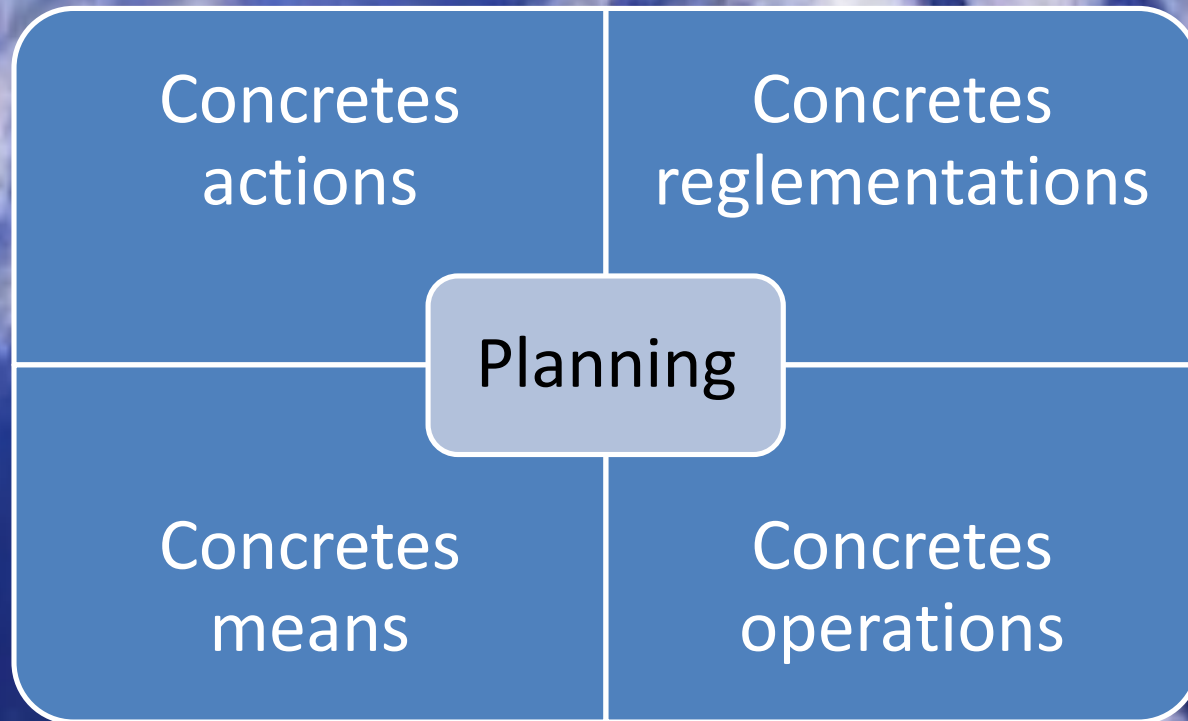
Rss feeds

Agenda

iCal link

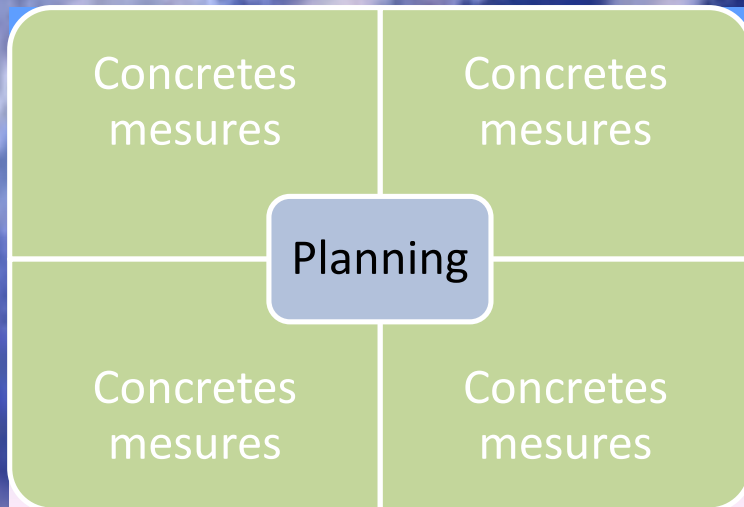


# III. Pathways for cities



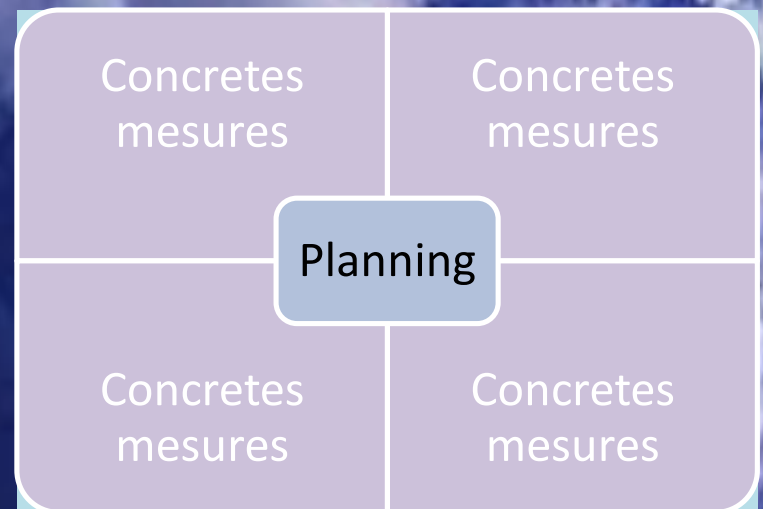
# III. Pathways for cities

Specific for climate changes

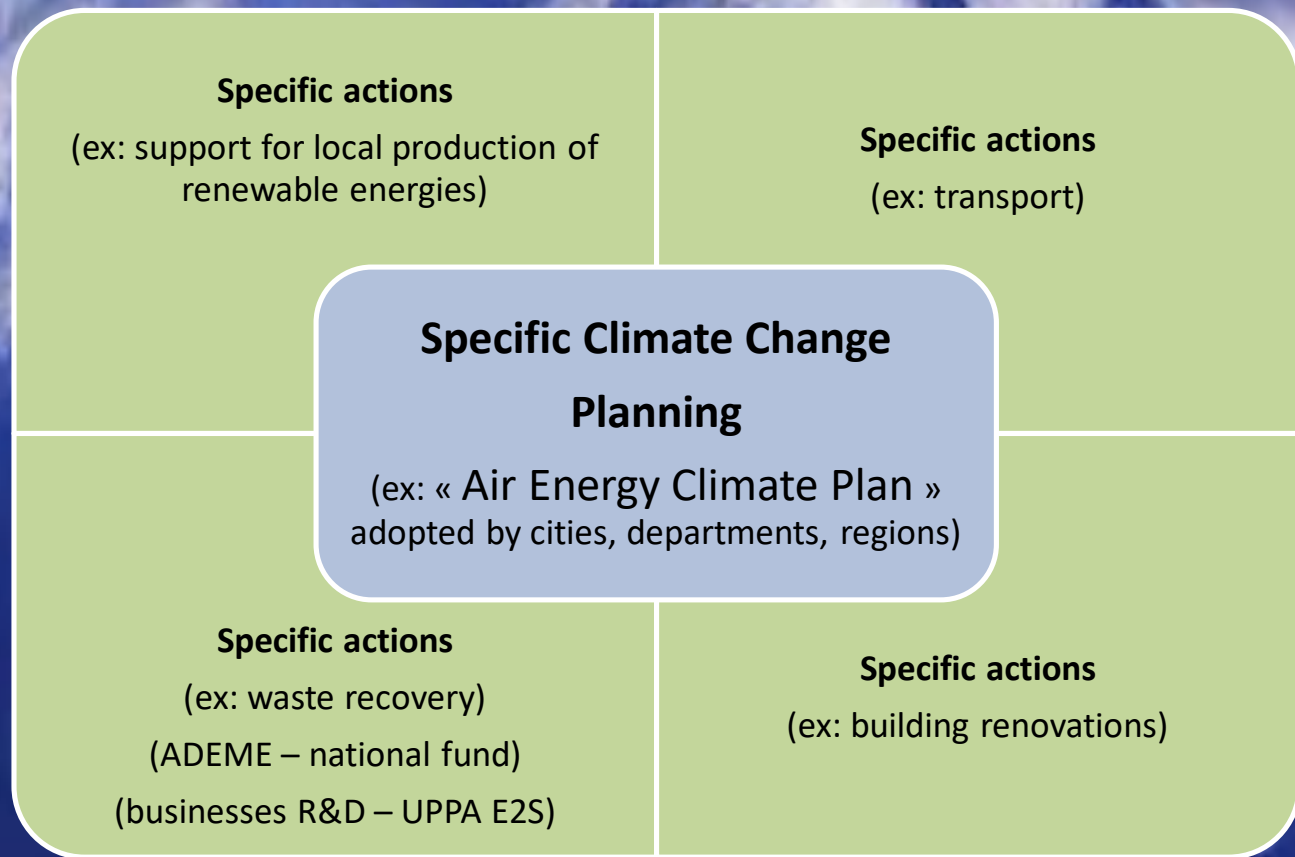


(adaptation but mostly mitigation of greenhouse gas)

Non-specific (others policies)



(mitigation but mostly for adaptation)



(adaptation but mostly **mitigation** of



**TERRITORY DEVELOPMENT:**

Ex: identify risk areas (ex: flood) and prohibit residential or industrial buildings

**EDUCATION/INFORMATION**

Ex: support to associations

**CIVIL PROTECTION**

Ex: fire risk prevention (forest)  
Ex: health emergency plans

**Integration of Climate Change  
Issues in the other plans**

**FOOD/AGRICULTURE**

Ex: schools canteens

**TOURISM**

Ex: create a regional natural park, eco-labels...

**PUBLIC PROCUREMENTS**

Ex: business RSE

Thanks for your attention

