

# **ADEME**

## **French Environment and Energy Management Agency**

### **Action related to polluted sites**

**Summer school on Contaminated Soils  
From characterization to remediation  
June 18th-22nd 2012 - Univ. Paris-Est - France**

**1 – Introduction to ADEME**

**2 – Focus on « Investments for the future »**

**3 – ADEME's action on Poluted soil**

**4 – CITYCHLOR project**

# 1- Introduction to ADEME

## ➤ ➤ ➤ Public establishment

- Created in 1992 from the merging of 3 existing agencies (waste management, air quality and energy management)
- Under the joint authority of the Ministries in charge of:
  - ➤ ➤ Ecology and Sustainable Development
  - ➤ ➤ Research
  - ➤ ➤ Energy

**ADEME's objective** - *to be the reference and a privileged partner for the general public, companies and local authorities*

**ADEME's role** - *Support innovation and research*  
- *Generalise good practices saving energy and protecting the environment*

# Areas of activity

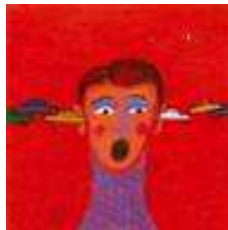


## Energy and Climate

- *Energy efficiency*
- *Renewable energy*
- *Mitigation and adaptation to climate change*



## Waste management Polluted soils



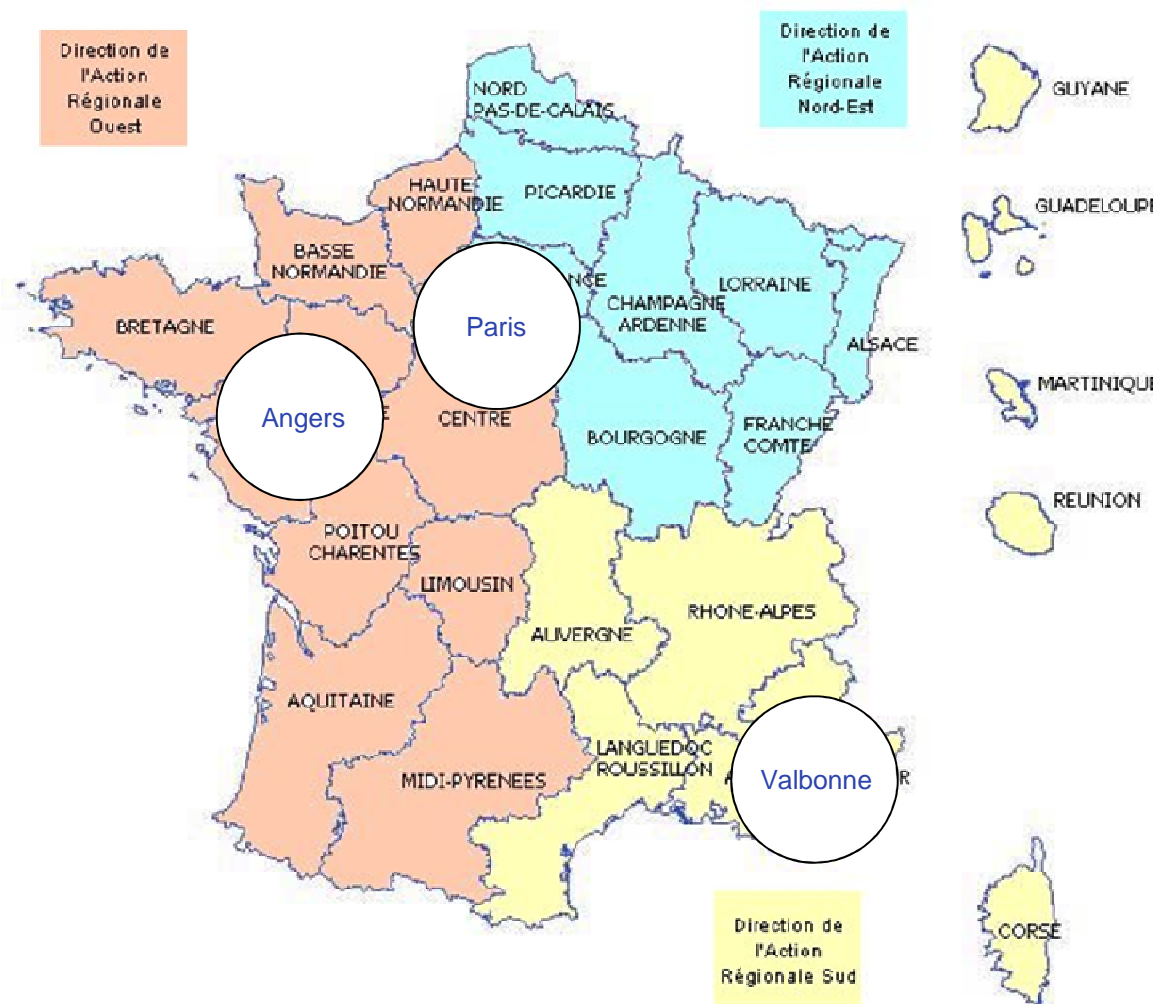
## Air pollution Noise



## Cross-disciplinary approach

- *Sustainable production and consumption*
- *Sustainable cities and regions*
- *International activities*

# Decentralized to better act at local level



*A staff ~ 1 000*

- **3** central sites (~50%)
- **26** regional directions
- **3** representations in overseas territories
- **1** office in Brussels

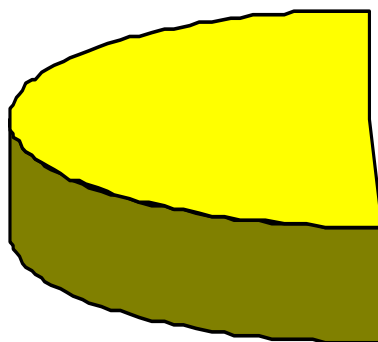
# 2012 budget: breakdown by topic

**Overall budget** 788 M€

**Budget for activities** 690 M€

**Operation budget** 98 M€

**Climate & Energy**  
349 M€



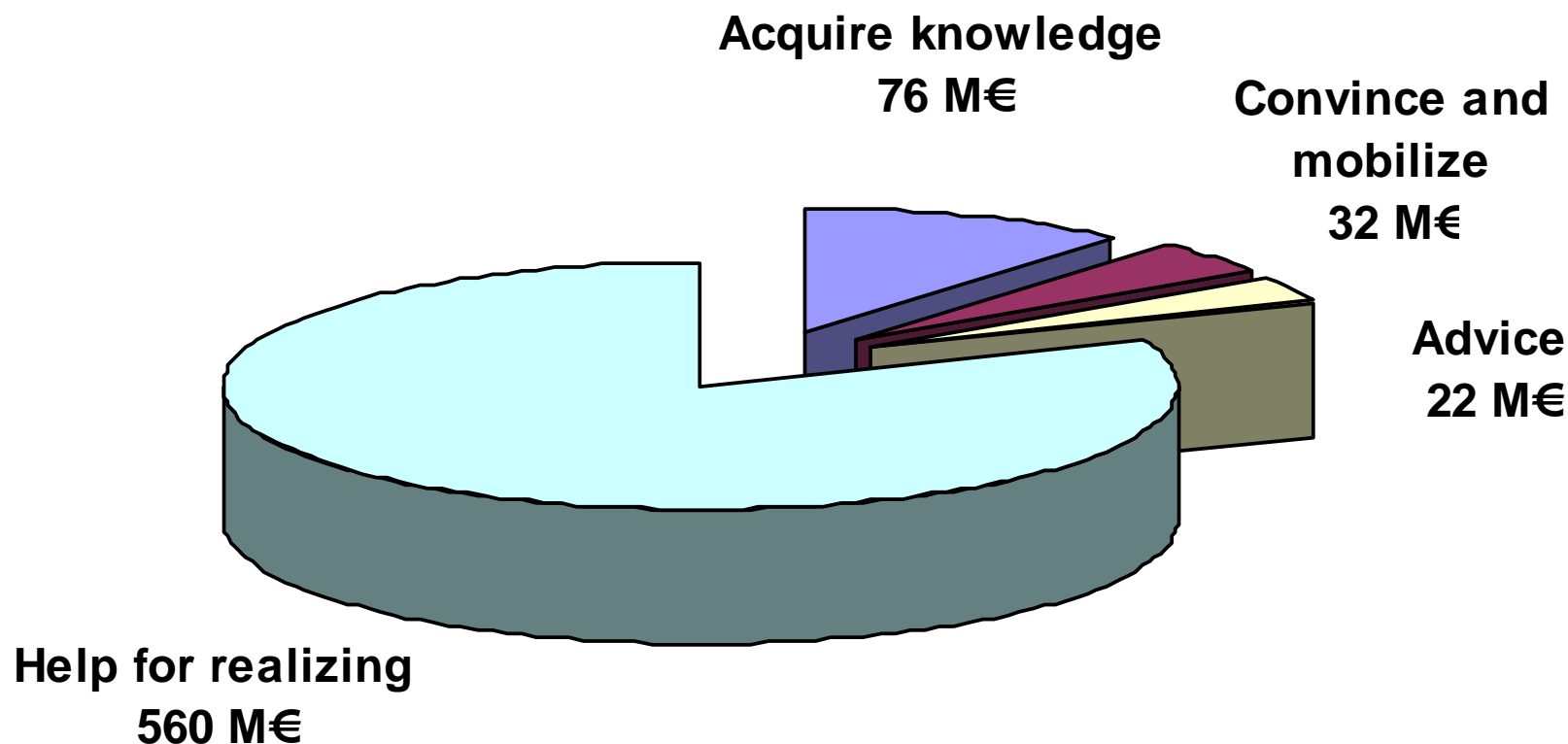
**Air & Noise**  
32 M€

**Transversal activities**  
53 M€

**Waste**  
218 M€

**Contaminated soils  
and Waste lands**  
38 M€

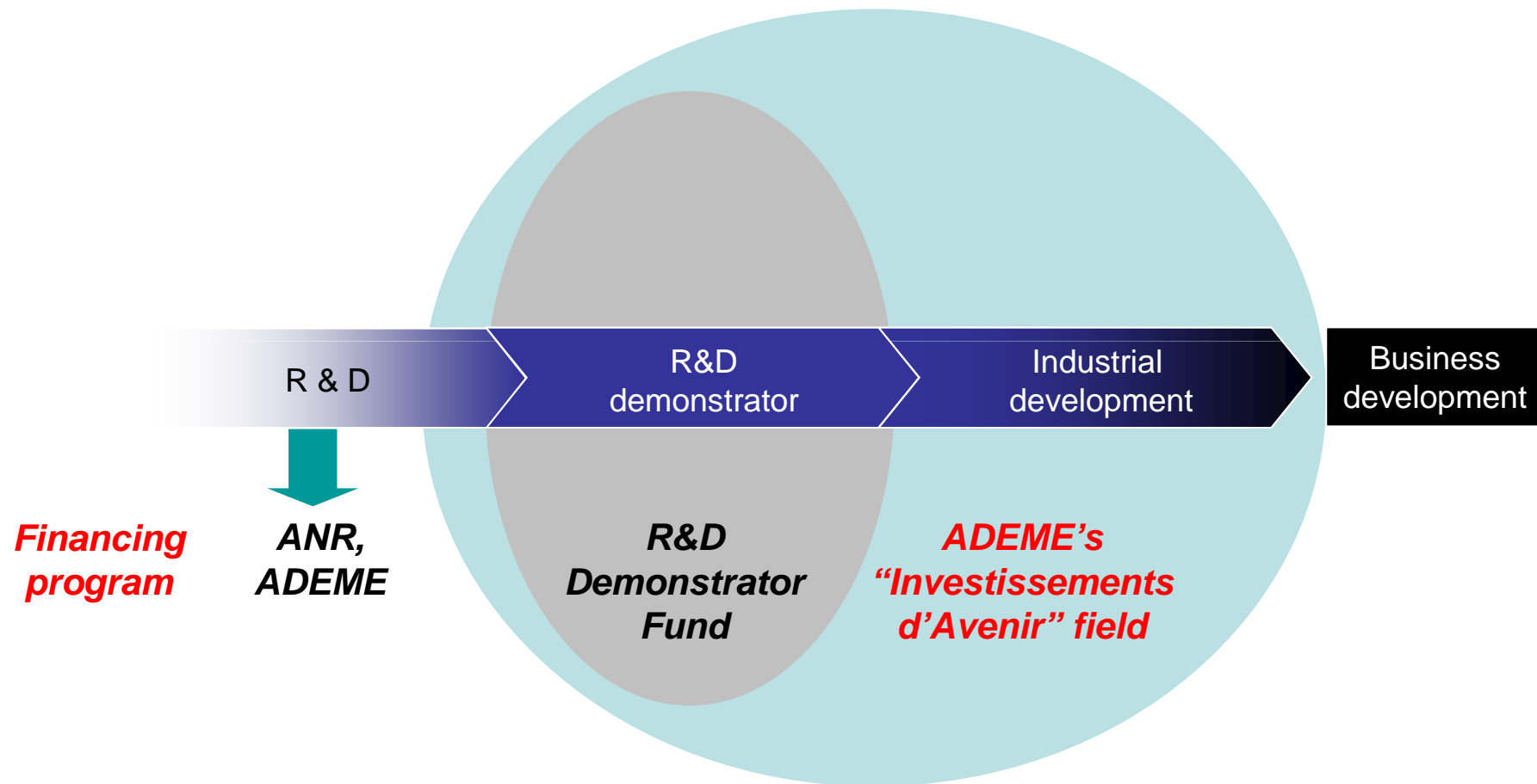
## 2012 budget: breakdown by action (690 M€)





## **2- Focus “from R&D to business development: the investments for the future”**

## Supporting innovation up to the market



# Investments for the future: ADEME tasks

- A five years program following demonstrators fund (2011-2015).
- Specific financial management by ADEME (total amount of 2 850 M€) (separated from the general budget allocation)
- ADEME in charge of managing programs dedicated to:
  - low carbon energy technologies (1.35 billions €),
  - vehicle for the future (1 billion €),
  - smart grids (250 M €),
  - circular economy (250 M €)  
→ including “Contaminated soils”
- Objective: support of demonstrators and pre-industrialization experimentations
- Means: subsidies, reimbursable aids, venture capital investment



**Main figures: first calls for projects in 2010, 25 in 2011, 30 planned for 2012-2014. 57 projects approved, 360 M€ engaged for a global investments of 1 B€ (March 2012)**

## **4 - ADEME's action related on polluted soil**

# Polluted sites and soils: ADEME tasks

As part of the national policy on polluted sites, ADEME conducts activities centred on :

- **Securement of polluted orphan sites**



- **Coordination and support of research and development**

→ Projects, networking, workshops to identify and prioritise R&D actions

*Roadmap for polluted soil, groundwater and sediments integrated management*



→ European cooperation: SNOWMAN « Knowledge for sustainable soils »

[www.snowmannetwork.com](http://www.snowmannetwork.com)

*Joint calls, Knowledge dissemination tasks*



→ Network of « sites ateliers » (pilot site)

[www.safir-network.com/](http://www.safir-network.com/)



- **Advice and support**

- For those involved in and responsible for the rehabilitation of polluted sites;
- participation in national, European and international discussions

# French know-how in the field of soil and groundwater remediation (English/French)

## **French expertise in the field of soil and GW remediation:**

- the public policy framework
- measures to support Research and Development , innovation and training,
- offers from private companies.

## **Public :**

- Businesses, economic missions,
- economic expansion offices,
- eco-technologies and export's actors

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# Polluted soils R&D programme objectives

- **Characterization and transfert of pollutants**

- consolidate site diagnostics and evaluation of health risks tools and method
- grasp the large-scale phenomena of transport between environmental compartments;

- **Development of new treatment and methods for polluted soils remediation**

- **Integrated approach for sustainable polluted soils and GW management**

- understand the environmental, economic and sociological factors that enter into decision-making processes, and identify mechanisms to encourage rehabilitation of industrial brownfields
- Consolidate database for an observation and alert system

***Means:***

- Budget → **3 M€ / year**
- Theses → **8 / year**
- Number of experts mobilised (equivalent in full-time positions) → **7**

## 4 – CITYCHLOR Project