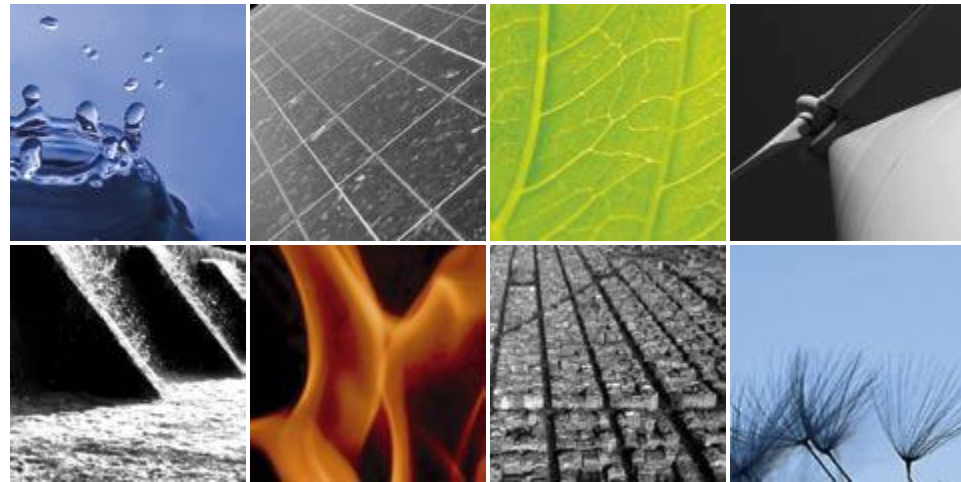


Sustainable Habitat Cluster



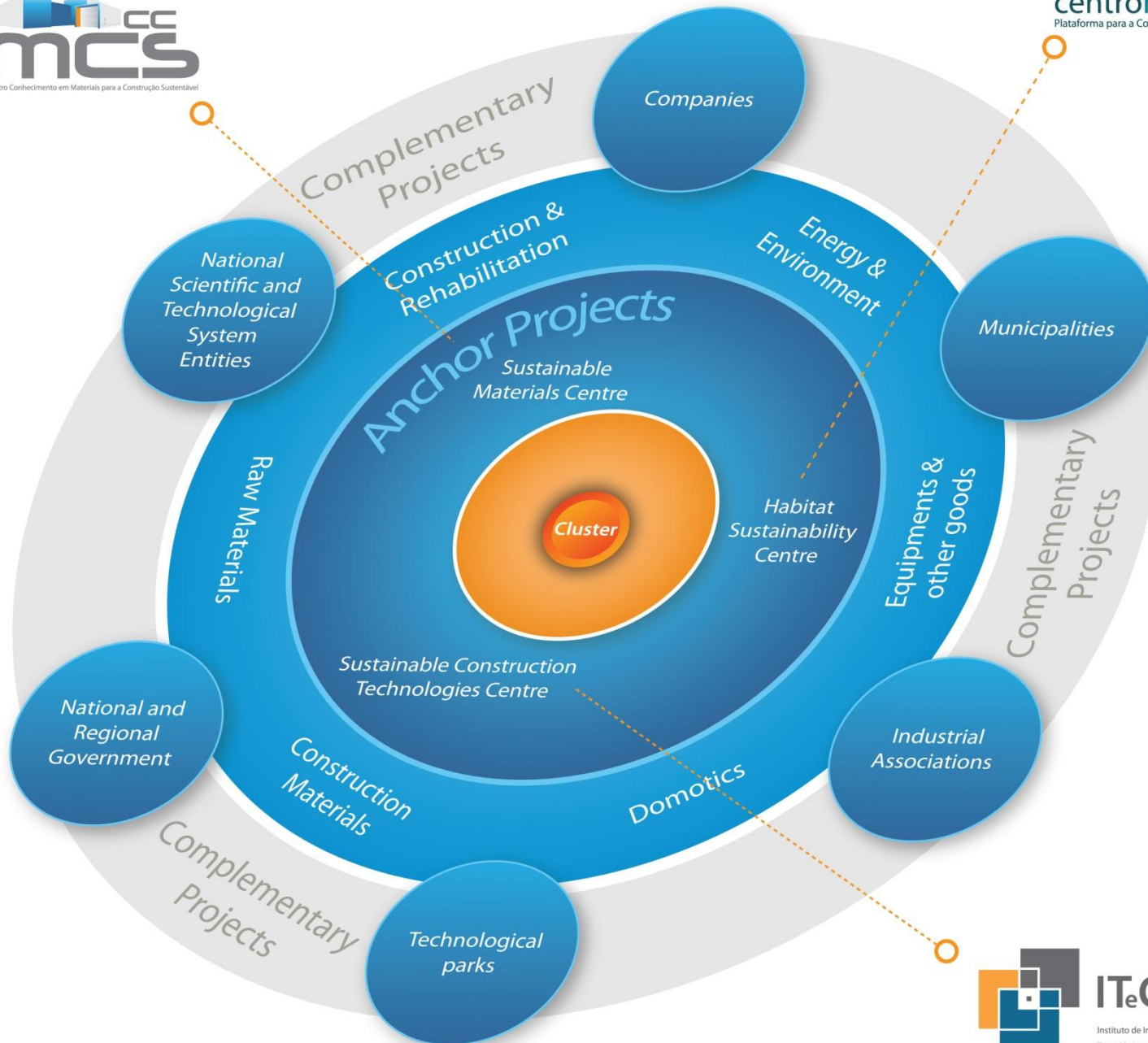
Sustainable Habitat Cluster

The cluster:

- ▶ Involves from **raw materials** extracting activities, **materials** transformation and **suppliers companies** (*wood, metals, plastics to ceramics and cement*), to **construction activities** and other **suppliers of goods and equipments** for the Habitat, *a relevant cluster in the European economy...*
- ▶ Sensitive to these aspects, the Portuguese **Sustainable Habitat Cluster** based its action program in the concept that **Sustainability** could be an excellent **driving force** and challenge for **Innovation** and **Competitiveness**.

Aims:

- ▶ to **develop a network** of partners for the development of products, technologies and systems;
- ▶ To **promote innovation** projects using the cluster synergies making sustainability a differentiation factor for competitiveness;
- ▶ Establish **recommendations** for sustainable building and urban planning



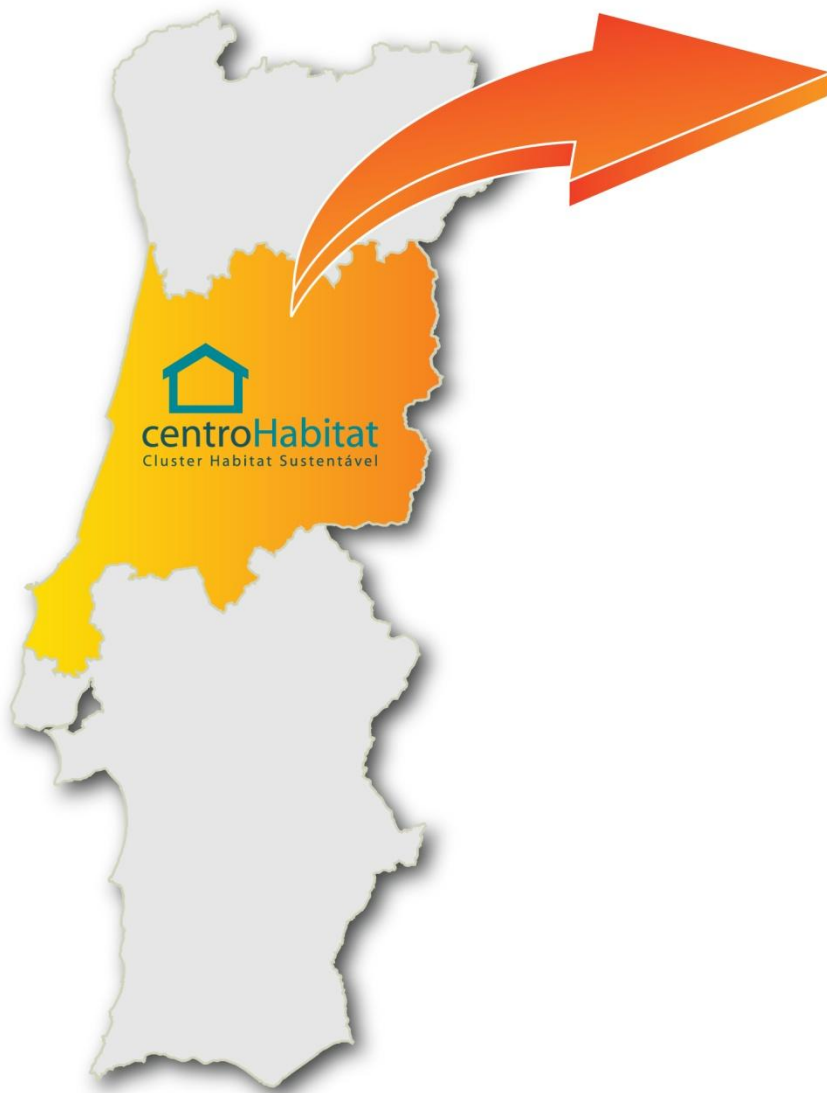
Action Plan

Support and public funding is required to help setting up the network and to help SME's and related entities to the needed strategic transformation:

- ▶ The cluster **Action plan** started in October/2009 and involves in its strategy **3 anchor projects** and a **framework** for companies based projects, named **complementary projects**;

Anchor projects set the fundamental support axis for the development of innovation projects:

- ▶ **PA1 – Centre for Sustainable Construction Materials**
 - ▶ Supports actions related to the development of materials, solutions and production technologies, acting as a space for test and validation;
- ▶ **PA2 – Centre for Sustainable Construction Technologies**
 - ▶ Supports the use and development of sustainable construction technologies, testing construction elements, dealing with problems and its solutions.
- ▶ **PA3 – Centre for Habitat Sustainability**
 - ▶ This project integrates a knowledge and skills network, promotes the dissemination of projects results and is concerned with training and education.



Cluster Habitat in Centre Region

Number of projects	3 Anchor Projects 15 Complementary projects 1 Project (SustainableHabitat Cluster management project)
Number of companies and entities involved	22 companies 6 Industrial associations 8 Universities/Associated Labs /State Agencies 3 Technological Centres
Total Investment	35.011.841 €
Total Funding	20.407.774 €
Cluster and main entities associates	> 200 companies

Habitat in Centre Region

Centre region habitat cluster in total PT habitat	37.9 %*
Number of companies	28%
Employment	21%

* Excluding construction sector

Some Cluster Projects ...

- ▶ The **framework of complementary projects** sets the boundaries for the initiatives led by companies and other cluster agents:

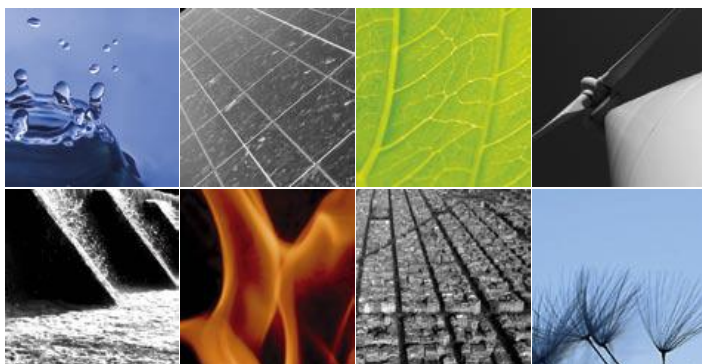
Some examples are:

- ▶ **Solar Tiles** - Development of Photovoltaic Solar Systems on Ceramic Roof and Wall Tiles
- ▶ **BloCork** - Development of Concrete Blocks with Cork
- ▶ **Wallinblock** - Development of Solutions for a Sustainable Construction



BloCork





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Entidade gestora

