

# ***ITAGRES***

## **ITAGRES**

## **PRESENTATION**

## **PRESENTACION EN**

## **ITAGRES**



# **PROYECTO EULANETCERMAT**



PEOPLE

# EULANETCERMAT



## CRICIUMA MEETING NOVEMBER 2013

*EULANET-CERMAT Resume: Objectives, WP's and Deliverables for the first year, by  
Dr. José Luis Briansó – UAB (Spain)  
Prof. Ruben C. Reinoso - ADRAM (Brazil)*

**EULANETWORK IN CERAMIC  
MATERIALS WITH  
ENVIRONMENTAL AND INDUSTRIAL  
APPLICATIONS (EU – LA)**

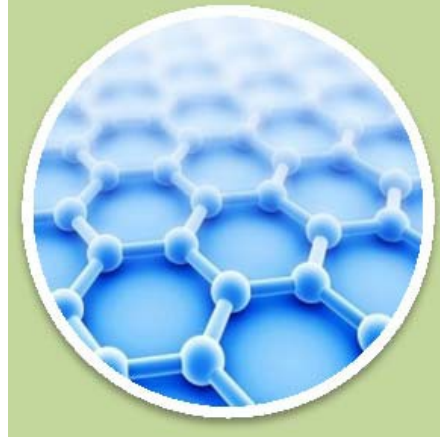
**Grant Agreement Number: PIBSES-CA-2011-205107**

***EULA-NETCERMAT*** will be focused on advanced/modern ceramic materials (MAC) applied in high added value industrial sectors for both EU28 and LA countries with existing S&T cooperation agreement such as Argentina, Brazil and Chile.

The specific scientific and technological issues where Marie Curie Fellowships will be focused on 3 main areas such as Science and Technology of Advanced ceramics, Socio-economic studies and Impact on civil society through different

<b>Partner Number</b>	<b>Partner name</b>	<b>Partner short name</b>	<b>Country</b>
<b>Beneficiary 1</b>	<b>UNIVERSIDAD AUTÓNOMA DE BARCELONA</b>	<b>UAB</b>	<b>Spain</b>
<b>Beneficiary 2</b>	<b>INSTITUT DE CIÈNCIA DE MATERIALS DE BARCELONA DEL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS</b>	<b>ICMAB-CSI C</b>	<b>Spain</b>
<b>Beneficiary 3</b>	<b>COPENHAGEN BUSINESS SCHOOL</b>	<b>CBS</b>	<b>Denmark</b>
<b>Beneficiary 4</b>	<b>CENTRE D'ÉTUDE DES RELATIONS ENTRE L'UNION EUROPÉENNE ET L'AMÉRIQUE LATINE</b>	<b>IRELAC</b>	<b>Belgium</b>
<b>Beneficiary 5</b>	<b>ROYAL INSTITUTE OF TECHNOLOGY</b>	<b>KTH</b>	<b>Sweden</b>
<b>Partner 1</b>	<b>INSTITUTO DE INVESTIGACIONES EN CIENCIA Y TECNOLOGÍA DE MATERIALES</b>	<b>INTEMA</b>	<b>Argentina</b>
<b>Partner 2</b>	<b>UNIVERSIDAD NACIONAL DE LUJÁN</b>	<b>UNLU</b>	<b>Argentina</b>
<b>Partner 3</b>	<b>AGENCIA DE DESENVOLVIMENTO REGIONAL DA AMUREL</b>	<b>ADRAM</b>	<b>Brazil</b>
<b>Partner 4</b>	<b>SERVIÇO NACIONAL DE APRENDIZAGEM INDUSTRIAL</b>	<b>SENAI</b>	<b>Brazil</b>

# Main tasks distributed by WPs and partners



**Advanced Ceramics  
Synthesis and  
Characterization**

**Applications**

**Socioeconomic  
aspects  
and Impacts**

**Dissemination  
activities**

**WP1:  
SYNTHESIS  
AND  
CHARACTERIZATION OF MACs**

UAB,  
ICMAB-CSIC,  
KTH, INTEMA,  
UCH, UFMG

**WP2: APPLICATIONS  
OF MACs**

CBS, ICMAB-CSIC,  
KTH, INTEMA,  
ADRAM, UCH, UFMG,  
ADRAM, SENAI

**WP3-4:  
SOCIOECONOMIC,  
GENERAL AND  
SPECIFIC  
IMPACTS**

ADRAM, UNLu,  
SENAI, 5  
ICMAB-CSIC

**WP5:  
DISSEMINATION  
ACTIVITIES**

*All the partners  
of the Consortium*

# WPs and Partners

## WP1 SYNTHESIS AND CHARACTERIZATION OF MACs

UAB, ICMAB-CSIC, KTH, INTEMA, UCH, UFMG, ADRAM, SENAI

## WP2 APPLICATIONS OF MACs

CBS, ICMAB-CSIC, KTH, INTEMA, ADRAM, UCH, UFMG, ADRAM, SENAI

## WP3 SOCIOECONOMIC STUDIES ON CERAMIC MATERIALS

IRELAC, CBS, UAB, ICMAB-CSIC, UNLU, ADRAM, SENAI

## WP4 GENERAL AND SPECIFIC IMPACTS

ADRAM, UNLU, SENAI, ICMAB-CSIC, UAB.

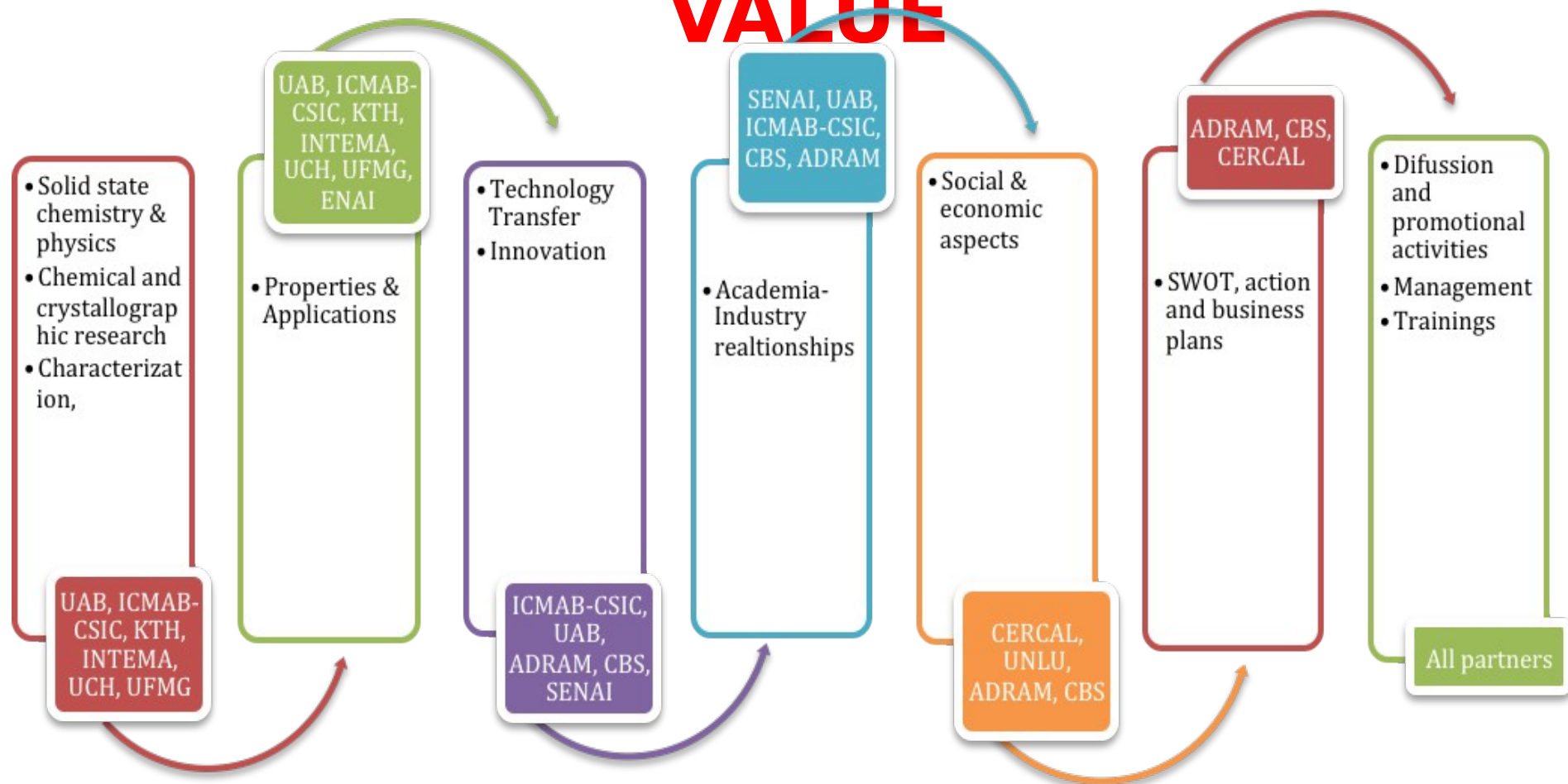
## WP5 DISSEMINATION ACTIVITIES

All the partners of the Consortium

**MANAGEMENT**

# EULANETCERMAT

## CADENA DE VALOR - CHAIN VALUE



In order to complete these objectives series of activities will be undertaken such as:

**1. Mobilities:** A total of 206 exchanges (263/m) are planned (66 exchanges/year). 26 % (1st year), 31 % (2nd year), 23 % (3rd year), 20 % (4th year). The greatest part of the exchanged corresponds to researchers (seniors or young), the rest to technics-administrative.



**2. Education and Training:** by educational modules on MACs topics capable to generate economic activities with attendant socio-economic impacts on local populations. After completing the modules a platform for on-line courses at the involved LA universities will be created (UNLu responsibility).

**3. Action and Business plan:** such documents derived from the EULA-NETCERMAT SWOT analysis, will identify and prioritize which systems and processes must be sustained and provide the necessary information for maintaining the activities in order to reach future objectives (scientific-technological and also in economic terms).

**4. Dissemination of results:** through the specifically designed tools

# IMPACTS: INDUSTRY

## INDUSTRY:

In Brazil, clearly the leader in nanotechnology research, given its efforts to develop aerospace, electronic and other advanced technologies there may be unexploited opportunities for collaborative nanotechnology R&D with industrial partners. Finally, the lack of nanotechnology patenting activity has two possible explanations:

- 1.-The early stage of nanotechnology development and
- 2.- Policy implication: not aligned to local industry priorities and insufficient incentives

# EU and Third Countries strategy

1. **Reinforce and enlarge the European competitiveness** including the creation of strategic partnerships with Third Countries in selected sectors thus attracting the best third country scientists to work with Europe

2. **Address common problems** that are faced by Third countries/regions partners and Europe on the basis of mutual interest and mutual benefit.

3. Use S&T cooperation as a vehicle to **reinforce relations with third countries** and to support the Union's position on an array of common scientific policy issues

**A GREAT NEW  
OPPORTUNITY  
FOR COOPERATION  
HORIZON 2020**

**THE S&T PROGRAM OF THE UE28  
FROM 2014 TO 2020**



**THANKS A  
LOT**

# **PRESENTACION DEL ING. ERIC HERNÁNDEZ EDO (1987)**

- **Ingeniero Industrial por la Universidad Politécnica de Cataluña**
- **Estancias en Francia, Suecia y USA**
- **Ingeniero en Materiales por la Universidad de Nancy (Francia)**
- **Situación actual: Alumno de Doctorado en el Fraunhofer-IFAM (Bremen-Alemania)**