7th FWP (Seventh Framework Programme)

MediA Ecosystem Deployment through Ubiquitous Content-Aware Network Environments

- The ALICANTE Integrated Project is Future Internet oriented.
- It proposes a novel concept towards the deployment of a new networked 'Media Ecosystem' based on a flexible cooperation between providers, operators and end-users.

**ALICANTE**

<table>
<thead>
<tr>
<th>Project status:</th>
<th>Execution</th>
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</thead>
<tbody>
<tr>
<td>Execution:</td>
<td>From 2010-03-01 to 2013-08-31</td>
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<tr>
<td>Funded under:</td>
<td>7th FWP (Seventh Framework Programme)</td>
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<tr>
<td>Area:</td>
<td>Networked Media and 3D Internet (ICT-2009.1.5)</td>
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</tbody>
</table>

**Coordinator:** Dr. Daniel NEGRU
CNRS-LaBRI FRANCE
1- Centre National de la Recherche Scientifique- LaBRI, France
2- Optibase Technologies LTD, Israel
3- Beijing France Telecom R&D Company Limited, China
4- Thomson Video Networks SAS, France
5- Viotech Communications SARL, France
6- Universitaet Klagenfurt, Austria
7- Universitatea Politehnik din Bucuresti, Romania
8- Portugal Telecom Inovacao SA, Portugal
9- BandWD Ltd., Israel
10- Tiscali Italia SPA, Italy
11- National Centre for Scientific Research « Demokritos », Greece
12- Technological Educational Institute of Crete, Greece
13- TDF, France
14- Ecole Polytechnique Federale de Lausanne, Switzerland
15- Instituto de Engenharia de sistemas e Computadores do Porto
16- Bsoft SRL, Italy
17- P.Cable Net-A.Pentespitis & Associates, Greece
18- Resonate MP4, France
19- National Institute of Telecommunications, Poland
20- Poznan Supercomputing and Networking Center, Poland

**Website:** [http://www.ict-ALICANTE.eu/](http://www.ict-ALICANTE.eu/)

**Objectives:**
- Develop a new open and scalable Content-Aware Network architecture to support a novel Media Ecosystem;
- Improve user experience by enabling seamless and ubiquitous media consumption/producing and delivery over diverse networks and user devices;
University POLITEHNICA Bucharest UPB - participation
Electronics, Telecommunication and Information Technology Faculty
Telecommunication Department
Research Center for Software Networks and Services (CCSRST)
UPB Team Leader: prof. Eugen Borcoci
E-mail address: Eugen.Borcoci@elcom.pub.ro

- UPB Role: Workpackage leader WP6 “Content Aware Networking Environment”
- Research Infrastructure used in the project by UPB:
  - Networking and computing equipments
- Human resources:
  - Teaching and research staff of the Telecom Dept., Ph.D students (10 people)

- UPB team results:
  - Contributions to the architecture specification, design implementation and validation of a novel CAN Environment inside ALICANTE ecosystem
  - ALICANTE Pilot Island development in UPB/Bucharest

- Research Impact
  - Innovations towards development of the architecture and systems for Future Internet Content/Information –oriented

- UPB – Telecom Dept/CCSRST integration in the research community
  - Cooperation in 11 International EU Research Projects (1996-2013)