



Contract N° 257964

**NANOTEC**  
**Ecosystems Technology and Design for Nanoelectronics**

Coordination Action  
Information and Communication Technologies

**Deliverable D 1.1**  
**Set up the NANO-TEC Advisory Committee**

Due date of deliverable: M2

Completion date: M3

Start date of project: 1 September 2010

Duration: 30 Months

Organisation name of lead contractor for this deliverable: Catalan Institute of Nanotechnology

**Approval**

<b>WP Leader</b>	<input checked="" type="checkbox"/>	<b>Coordinator</b>	<input checked="" type="checkbox"/>
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Project co-funded by the European Commission within the Seventh Framework Programme (2007-2012)		
Dissemination Level		
<b>PU</b>	Public	X
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

<b>Partner</b>	<b>Please, give a short description (1-3 sentences) of partners contribution to this deliverable</b>
ICN	Present the members planned at proposal stage. Propose further candidates for the advisory board and introduce their backgrounds. Gather all inputs from the Management Board. Reach a unanimous agreement on the final names.
VTT	Member of the Management Board. Propose further candidates for the advisory board and introduce their backgrounds.
ECN	Member of the Management Board. Propose further candidates for the advisory board and introduce their Backgrounds.
CHALMERS	Member of the Management Board. Propose further candidates for the advisory board and introduce their Backgrounds.
TU DELFT	Member of the Management Board. Propose further candidates for the advisory board and introduce their Backgrounds.
ITE	Member of the Management Board. Propose further candidates for the advisory board and introduce their Backgrounds.
EPFL	Member of the Management Board. Propose further candidates for the advisory board and introduce their Backgrounds.

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## 1. Aim of this task

The purpose of establishing an Advisory Committee in NANO-TEC is to provide the consortium with a group of experts from the various fields of nanoelectronics that would provide an insight into the project and into its long-term potentials from various perspectives, such as those of the academia, industry, and research organizations. Moreover, they were identified based on their relation with the technology and/or design contexts in order to facilitate the interaction between these two worlds, which is one of the main objectives of NANO-TEC.

## 2. Work done

The following persons had been identified as potential members of the Advisory Board at proposal stage:

- Dr. Michel Brillouet, LETI, Chair ENIAC SCC, Chair AENEAS Chamber B,
- Prof Hugo de Man, IMEC.
- Prof Dr Lothar Pfitzner (FhG, Manufacturing, tools, ..)
- IT Global Players (eg, IBM, Intel)
- A representative of the European Commission
- A representative of ENIAC/CATRENE

Prior to the kick-off meeting, the Project Management Board, represented by one person per WP leader, gathered and first introduced the above-mentioned persons among the group. Moreover, the Project Management Board evaluated the possibility of including these persons in the Advisory Board according to recent changes, including changes of affiliation and retirement, such as in the case of Professor Hugo de Man. An alternative representative from IMEC was proposed and accepted by the Board, as detailed in *Table 1*, which lists the members who were finally selected and accepted by the General Assembly on the following day, during the kick-off meeting. All the other experts first identified at proposal stage were invited to take this role, but some of them had to decline the offer due to other commitments. Moreover, one current member of the Advisory Board, Danilo Demarchi, was invited after having actively contributed to the discussions of the first NANO-TEC workshop held in Granada in January 2011.

Name	Institution	Field of Expertise
Roger de Keersmaecker	IMEC	Relationship between Industry and applied Nanoelectronics research at ROs
Michel Brillouet	CEA-LETI & ENIAC SCC chair	MicroMicroelectronic systems and roadmapping
Dirk Beernaert	EC Nanoelectronics	Head of nanoelectronics Unit
Livio Baldi	Micron Technology, CATRENE, ENI2	Link between CATRENE, ENIAC, expertise in memory devices
Jukka Pekkola	Aalto University	Leading experts in Nanoelectronics basic research with more than one state variable
Danilo Demarchi	Politechnic University of Torino	Expert on Design and architectures

*Table 1: List of NANO-TEC Advisory Board Members*

It was established that each member of the Board would receive full coverage of travelling and subsistence costs for attending the NANO-TEC meetings and workshops. So far the AB has advised the NANO-TEC consortium in taking some strategic decisions and it has provided inputs in the first two workshops by acting as chairpersons, discussants and rapporteurs. No corrective measures are needed for this task, which is now completed.