



**TITLE: NANOTECHNOLOGY and MATERIALS IN ACTION: pilot lines and industrial alliances to reach the market**

**LOCATION:** ENF 2015, Riga, LATVIA

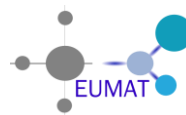
**DATE:** 12<sup>th</sup> June 2015 (from 10.30 to 14.00h)

**AIM OF THE WORKSHOP:** To disseminate and discuss on the implementation map developed by NANO*futures* ETIP within Value4nano project. The interest of industrial players in different pilot Line facilities will be showed, with the ultimate goal of validating an innovation driven strategy for the sustainable and safe production of added value products using nanotechnology. Moreover, EUMAT ETP will present material’s related issues concerning value chains and pilots.

**CHAIR:** Paolo Matteazzi, Chairman of NANO*futures* ETIP

**Draft Agenda**

Time	Title	Speaker	
10.30-10.35	Welcome and aim of the workshop	Paolo Matteazzi, NANO <i>futures</i> Chair	
10.35-10.50	NANO <i>futures</i> : The path to commercial products: Introduction to the Implementation map for EU nanotechnology	Paula Queipo, NANO <i>futures</i> co-Chair	
10.50-11.10	From materials to market: Business models, industrial alliances around pilot lines- Recommendations for implementation through H2020 and Industry actions	Donato Zangani, D’Appolonia	
11.10-11.25	Introduction to Industrial Alliances around a pilot line: an example	Rodolf Herfst TNO	
11.25-12.25	Industrial case studies on market driven Value chains <i>(selection of 2-3 pilot from the ones below)</i>	2-3 speakers from Industries in 2-3 selected Pilot lines	
	Pilot1a - Production of nanostructured antimicrobial, antiviral surfaces for medical devices, hospitals, etc		Gaps are identified in the scalability and efficiency of functional material production
	Pilot 1b- nanocoatings for mechanically enhanced surfaces (e.g., abrasion resistance, low friction).		
	Pilot 2 - Manufacturing of materials with	Gaps are identified in the availability of	





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	<p>customized thermal/electrical conductivity properties</p> <p>Pilot 3 - 3D printed and/or injection molded polymeric microfluidic MEMS</p> <p>Pilot 4 - Non-mainstream Microelectromechanical systems (MEMS), including Micro or Nano opto-electro-mechanical system</p>	<p><b>material production</b> and their compliances with established standards in the various application sectors</p> <p>This pilot is mainly focused on the MEMS production process, there are gaps in <b>multifunctional material integration and their scalability</b></p>	
12.25-12.45	Value Added Materials - Synergies and Networking for a value chain based R&D policy		<i>Marco Falzetti, EUMAT</i>
12.45-13.40	The view of the sectors: Experts round Panel		<p><i>Moderator</i></p> <p><i>5-6 speakers representing nano and materials areas</i></p> <p><b>-Michal Basista-KMM-VIN</b></p> <p><b>-Dr. Maxim Konter - Alstom Thermal Power</b></p>
13.40-14.00	Say your word: open discussion!		All
14.00	Conclusions and closure		Paolo Matteazzi

