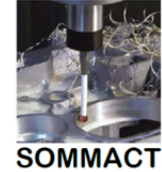




**NMP Theme**  
 NANOSCIENCES, NANOTECHNOLOGIES,  
 MATERIALS AND  
 NEW PRODUCTION TECHNOLOGIES



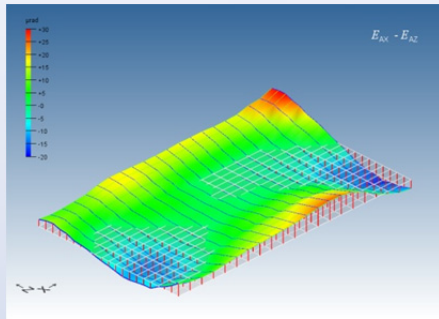
Project acronym: **SOMMACT**  
 Project full title: **Self-Optimising Measuring MACHine Tools**  
 Grant Agreement N. **NMP2-SL-2009-229112**  
 Starting date: **2009-09-01** Duration: **36 months**  
 EC contribution: **€ 3.668.700,00**

Project Coordinator:

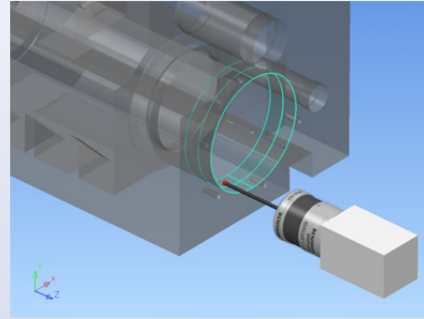


## SOMMACT MAIN EXPLOITABLE RESULTS

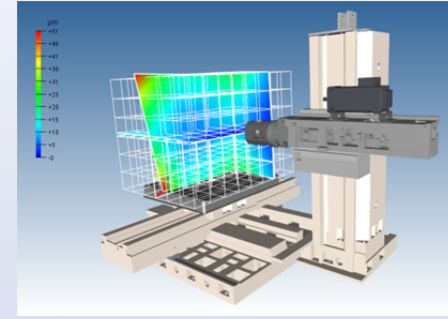
**GEOMETRIC ERRORS  
 MEASUREMENT AND  
 COMPENSATION**



**TRACEABLE  
 ON-MACHINE  
 INSPECTION**



**PREDICTION OF  
 WORKPIECE/MACHINE  
 ACCURACY**



**EXTENSION OF RESULTS  
 TOWARDS  
 ZERO-DEFECT  
 MANUFACTURING**

**Intelligent Fault Correction and Self Optimizing  
 Manufacturing systems FoF NMP - 285489**



**IFaCOM** [www.ifacom.org](http://www.ifacom.org)

SOMMACT Consortium

RTD	INRIM		IT	Metrology	<a href="http://www.inrim.it">www.inrim.it</a>
	SUPSI		CH	Self-learning software	<a href="http://www.supsi.ch">www.supsi.ch</a>
	University of HUDDERSFIELD		UK	Error analysis, Volumetric compensation	<a href="http://www.hud.ac.uk">www.hud.ac.uk</a>
SMEs	ALESAMONTI		IT	MTs builder (OEM)	<a href="http://www.alesamonti.com">www.alesamonti.com</a>
	IBS PE		NL	Sensors, Self-centring probe, Metrology	<a href="http://www.ibspe.com">www.ibspe.com</a>
	ISM-3D		SP	Reference Artefacts, Virtual metrology	<a href="http://www.ism3d.es">www.ism3d.es</a>
	TTS		IT	Machine simulation, GUI, Web software	<a href="http://www.ttsnetwork.net">www.ttsnetwork.net</a>
	WEISS		DE	MTs user, Production systems	<a href="http://www.weiss-gmbh.de">www.weiss-gmbh.de</a>
Large Ind.	FIDIA		IT	MTs builder (OEM), CNC manufacturer	<a href="http://www.fidia.it">www.fidia.it</a>
	HAVLAT		DE	MTs user, Production systems	<a href="http://www.havlat.de">www.havlat.de</a>
	KOVOSVIT		CZ	MTs builder (OEM)	<a href="http://www.kovosvit.cz">www.kovosvit.cz</a>
Assoc.	API Varese		IT	Dissemination, Exploitation	<a href="http://www.api.varese.it">www.api.varese.it</a>

[www.sommaact.eu](http://www.sommaact.eu)