

## Pilots

One of the main objectives of METABO is to prove the benefits that a continuous follow up and a personalized care have on the patients' health and lifestyle, as well as to assess the improvement of the efficiency and the quality of the professional care.

For this, METABO will carry out a clinical pilot in which 100 patients will test the platform and will be followed up by the healthcare professionals with the help of the METABO system.

Previous to this, the platform will be validated conducting several activities and questionnaires focused on the evaluation of the usability of the system by all the stakeholders involved in diabetes care, including nurses, nutritionists, and several other key care providers involved.

All these validation activities will be completed in cooperation with the following European Hospital centers:

PILOT CENTER	HOSPITAL
Universita degli studi di Parma	Universita degli studi di Parma
ORT France	Centre de Santé Elio Habib-OSE
SERMAS	Hospital Clínico San Carlos
UK	2. Lékařská fakulta / FN Motol
AUSLM	Ospedale di Carpi Nuovo Ospedale Civile S.Agostino Estense di Modena



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<http://cordis.europa.eu/fp7/ict>

21 Partners from 9 EU member states (E, I, D, F, GR, FIN, CZ, L, MT)

### Project Coordinator



MEDTRONIC - Spain  
[www.medtronic.com](http://www.medtronic.com)

### Industrial Technology Partners



FERRARI - Italy  
[www.ferrariworld.com](http://www.ferrariworld.com)



SATE - Italy  
[www.sate-italy.com](http://www.sate-italy.com)



MEGA - Finland  
[www.megaemg.com](http://www.megaemg.com)

### Industrial IT Partners



IDS - Czech Republic  
[www.ids-scheer.cz](http://www.ids-scheer.cz)



MICRODATA - Greece  
[www.microdata.com.gr](http://www.microdata.com.gr)



DDS - Greece  
[www.ddsynergy.gr](http://www.ddsynergy.gr)



SWORD - Luxembourg  
[www.sword-group.com](http://www.sword-group.com)



R&S INFO - Italy  
[www.rsinfo.it](http://www.rsinfo.it)



WORLDMATCH - Malta  
[www.wmsoft.com](http://www.wmsoft.com)

### Healthcare Provider Partners



AUSLM - Italy  
[www.auslm.mo.it](http://www.auslm.mo.it)

### Clinical Partners



HOSPITAL SAN CARLOS MADRID - Spain  
[www.hcsc.es](http://www.hcsc.es)



CHARLES UNIVERSITY - Czech Republic  
[www.lf2.cuni.cz](http://www.lf2.cuni.cz)



UNIVERSITY of PARMA - Italy  
[www.unipr.it](http://www.unipr.it)

### University Partners



UNIVERSITY of PATRAS - Greece  
[www.ferrariworld.com](http://www.ferrariworld.com)



UNIVERSITY of AUSBURG - Germany  
[mm-werkstatt.informatik.uni-ausgurg.de](http://mm-werkstatt.informatik.uni-ausgurg.de)



ICCS-NTUA - Greece  
 Institute of Communication  
 and Computer System of National  
 Technical University of Athens  
[www.unipr.it](http://www.unipr.it)



UPVLC-ITACA - Spain  
[www.upv.es](http://www.upv.es)



POLYTECHNIC UNIVERSITY  
 OF MADRID - Madrid  
[www.upm.es](http://www.upm.es)



UNIVERSITY OF EASTERN  
 FINLAND - Finland  
[bsamig.uku.fi](http://bsamig.uku.fi)

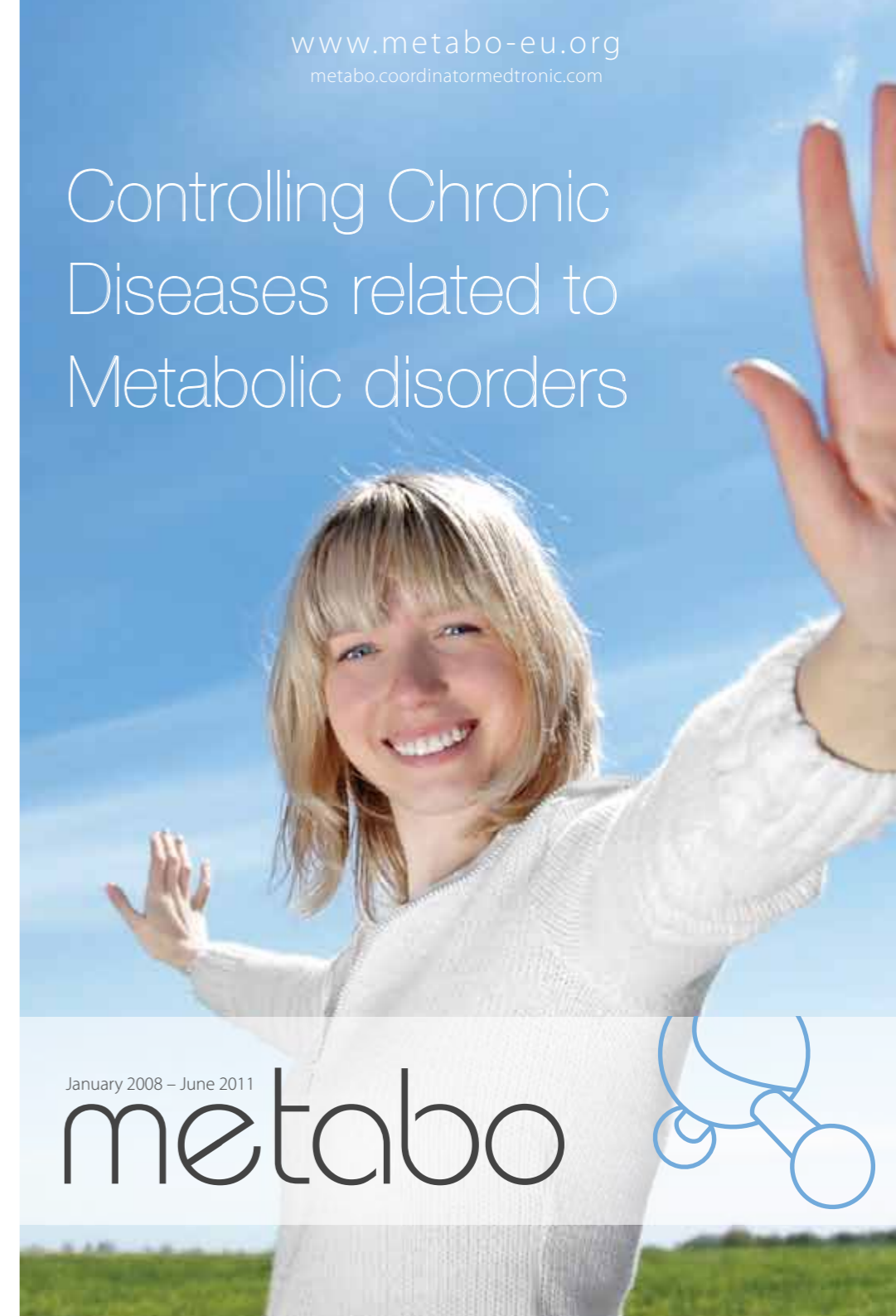
### Training & Education Organization



ORT FRANCE - France  
[www.ortinnovation.com](http://www.ortinnovation.com)

[www.metabo-eu.org](http://www.metabo-eu.org)  
[metabo.coordinator.medtronic.com](http://metabo.coordinator.medtronic.com)

# Controlling Chronic Diseases related to Metabolic disorders



January 2008 – June 2011

# metabo

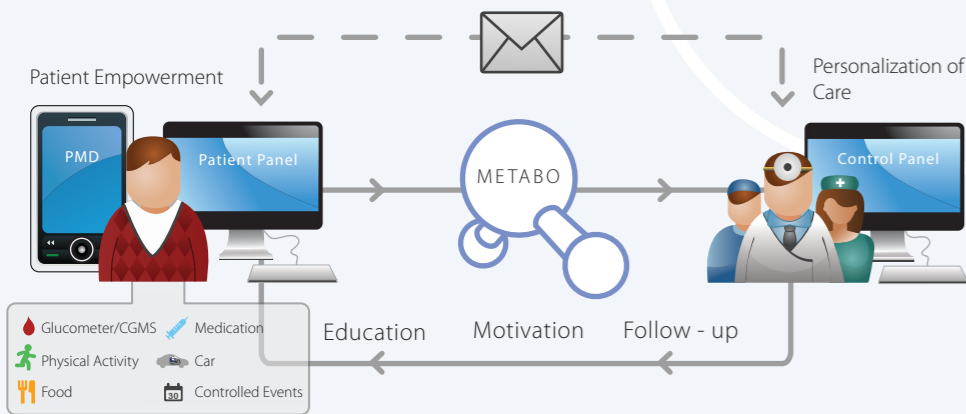


January 2008 - June 2011

# metabo

## Anytime, Anywhere

METABO project focuses on the improvement of disease management of diabetes by providing patients, health professionals and other involved parties with a technological platform to help them handle and analyze all information related to diabetes treatment, integrating it with patients' lifestyle data. This continuous and multi-parametric monitoring system covers the daily life of the patient assessing and giving support in any quotidian activity. In the other hand, METABO will offer a detailed picture of patients' metabolic and health status evaluating the effects of their ongoing treatments and facilitating to the clinicians the refinement and optimization of the therapies.



All the METABO solutions will be available through a mobile device and through the user's home PC to facilitate the access to these tools in an easy and comfortable way whenever and wherever the patients need them.

## METABO Solutions For Patients



METABO assists the patients in regular activities such as eating, walking, going to the cinema or travelling, giving personalized and adapted advice to the users. For this, it offers the possibility to use devices such as exercise monitors, continuous and regular glucose meters, weight scales and other sensors to help the users track their status and follow their prescriptions.

The system can help users to attain specific lifestyle changes agreed with the clinician as, i.e., weight loss, adoption of healthy diets or adoption of sustained physical exercise plans. It will also predict life-threatening events in risk situations such as car driving, exercise training, etc.

## For Care Providers

The care provider has a key role in the care of diabetic patients. The platform will offer to the professionals all the patient data gathered through the METABO solution for patients and will integrate it with the in-clinic data in the Control Panel, this is, the METABO professional tool.

The users will be able, not only to manage all the diabetes disease factors through this tool, but also to write the prescriptions that will be automatically sent to the patient through the METABO platform.

The system will assess the clinical user through a decision support system, capable to detect trends and to help them with dynamic alerts and advices based and triggered by the data received from the patient.

The Control Panel also provides communication means to exchange messages between the medical professionals and the patients to solve punctual matters and to give advice.

The entire METABO Control Panel has been developed following the standards for diabetes care based on the NHS and the American Diabetes Association guideline.

The professionals will also have the possibility to make clustering analysis and trends research based on all the data in a correlated or independent way.

