



# CLUSTERING EVENT

Ambient Intelligence Advanced Technologies in Support of Healthcare and Assisted Living

Foundation for Research & Technology Hellas, Heraklion, Crete, Greece

26-27 September 2013

# PRESENTER:

STEVE LANE
Commercial Director
Triteq ltd



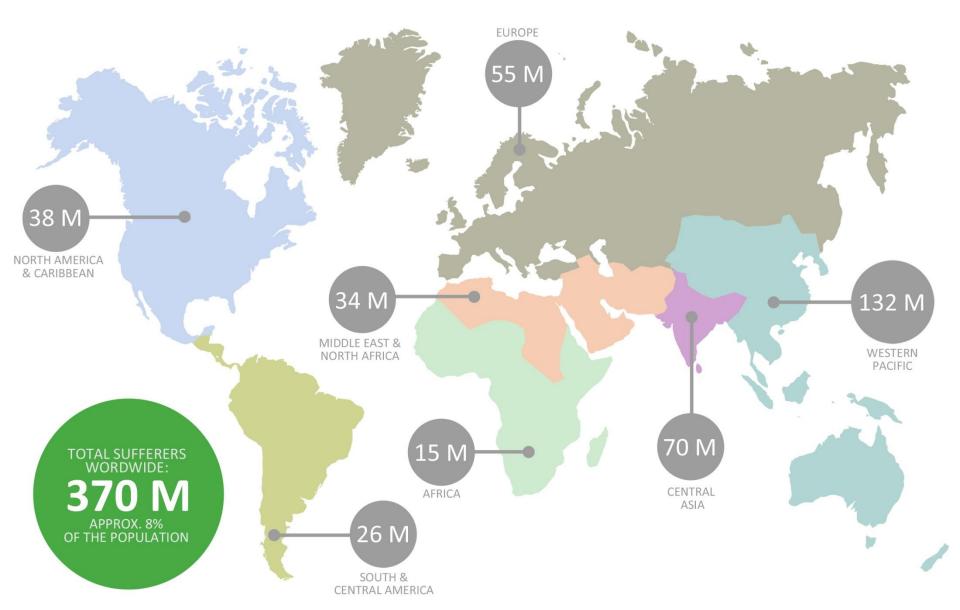


# AP@home

A European research project funded by the European Commission under the IST framework programme 7 for Information and Communication Technology, ICT.

#### **BACKGROUND**





#### PATIENT INSULIN MANAGEMENT

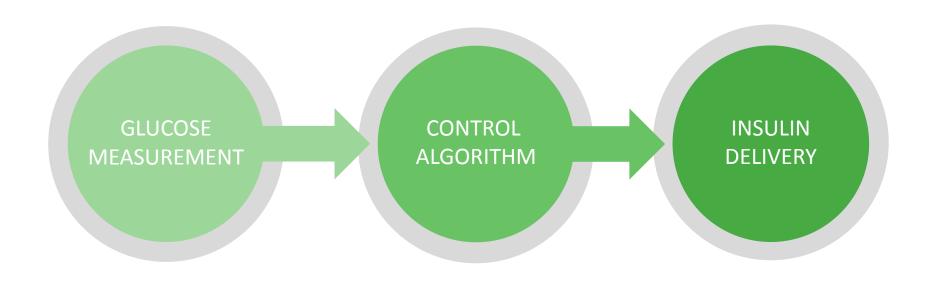






#### THE ARTIFICIAL PANCREAS





#### THE CONSORTIUM





### AP @ home



To develop a two-port and/or single-port AP system that can be clinically tested

AP @

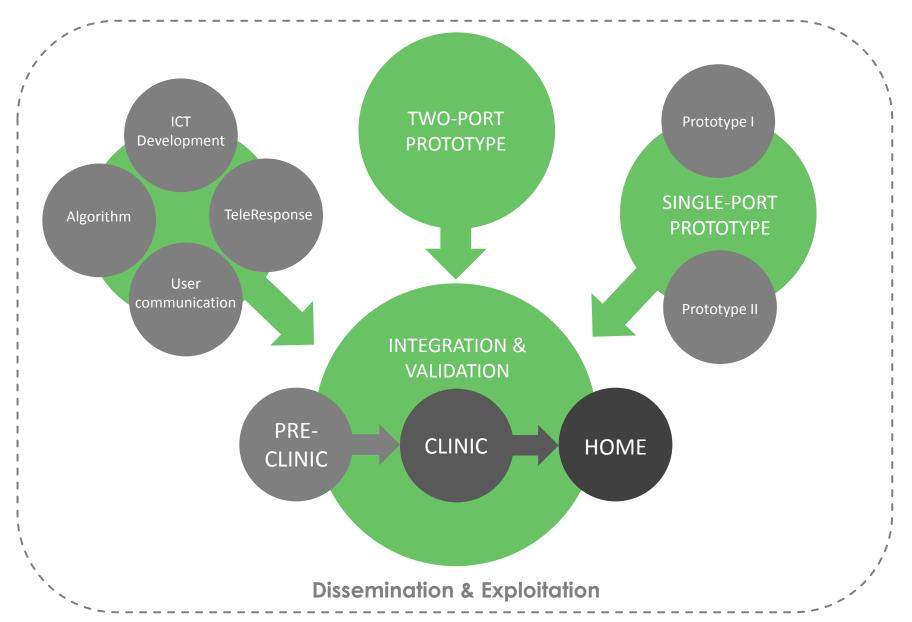
Move the artificial pancreas home

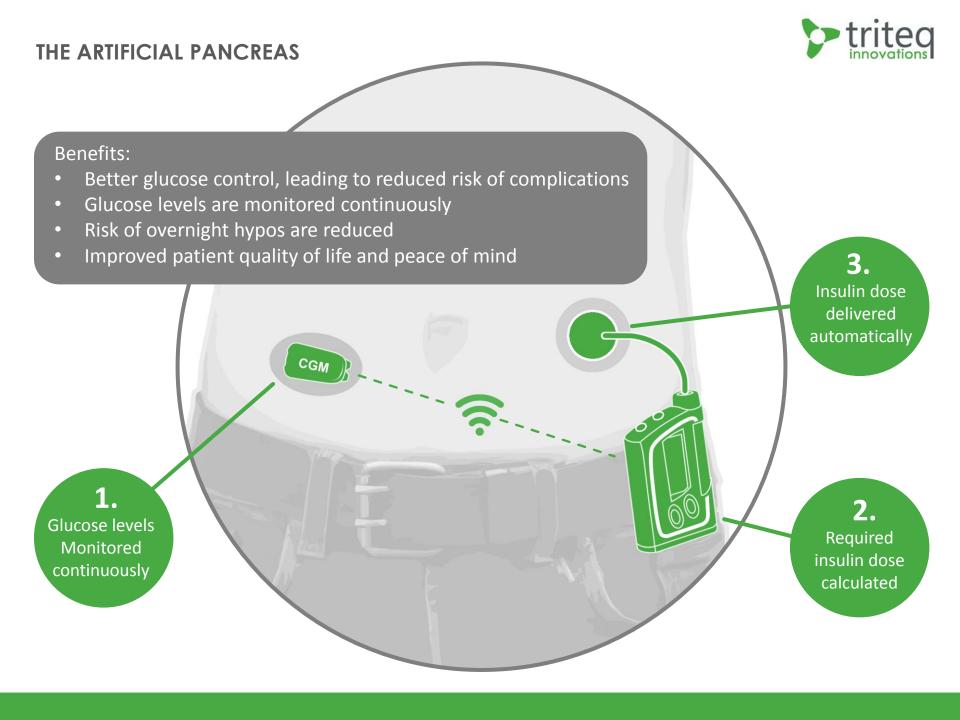
Improving the life of patients

Advancing
European ICT
and device
industry

#### **PROJECT MAJOR TASKS**

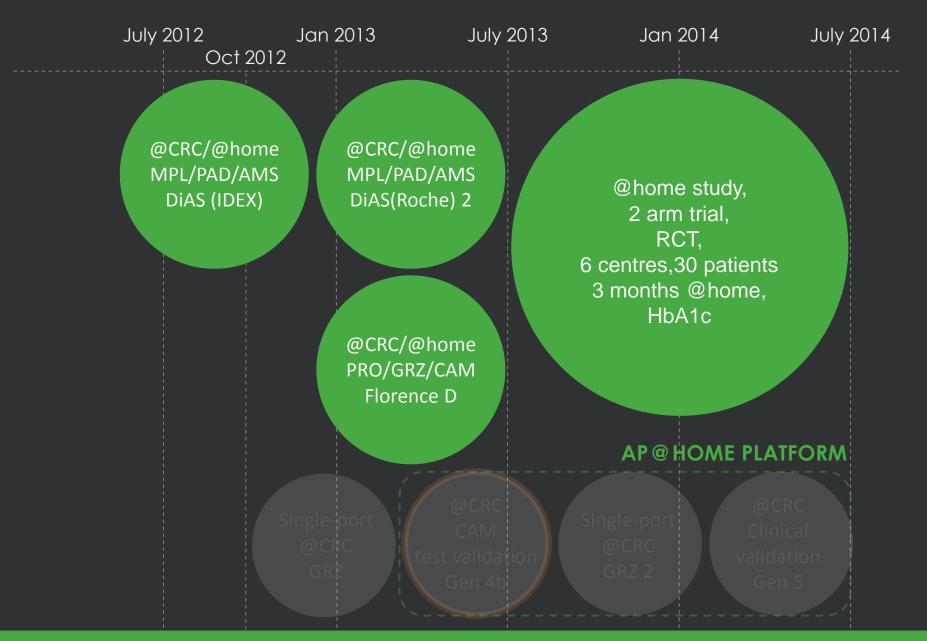






#### **ROADMAP FOR @ home STUDIES**





#### TRIAL SYSTEM













**ROCHE** pump



DEXCOM receiver

DiAS with
ROCHE pump
& DEXCOM
GEN4



#### **CONFIGURATION 2**





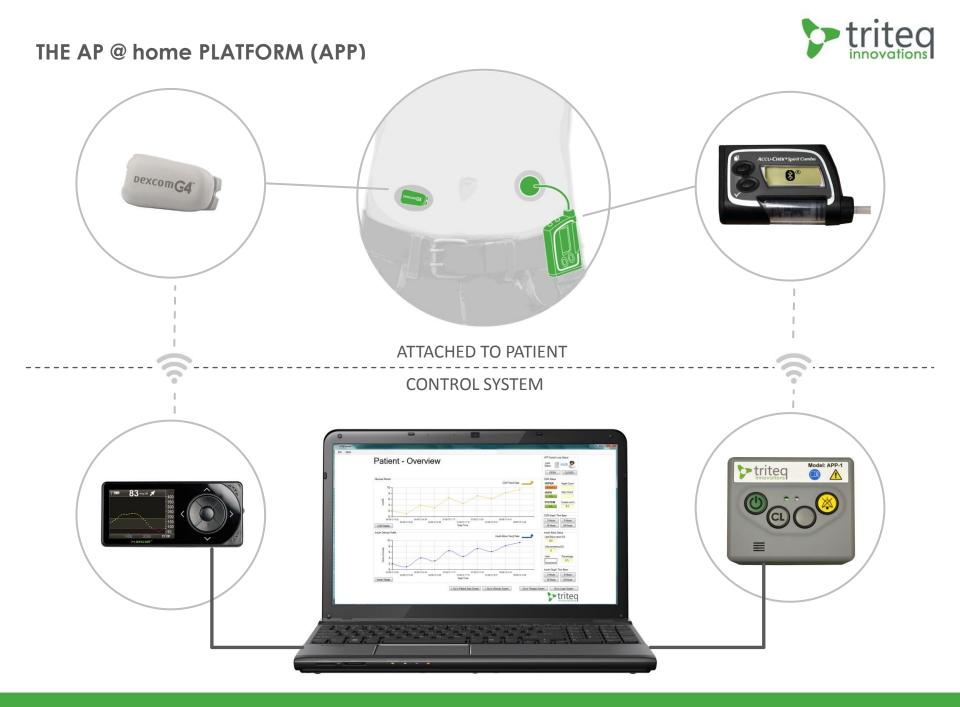
Incorporating
NAVIGATOR II
into Florence D

SOOIL pump



NAVIGATOR II

receiver



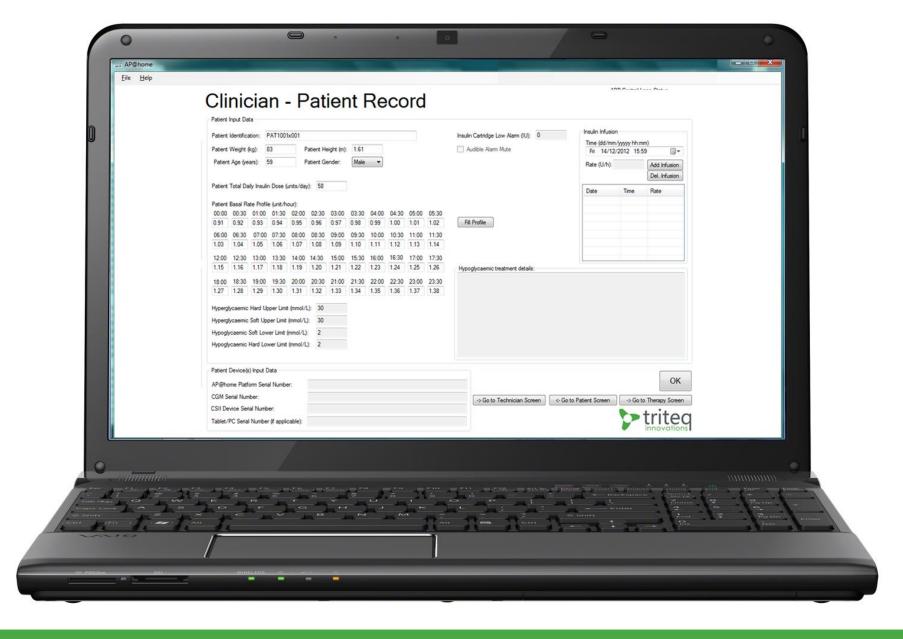








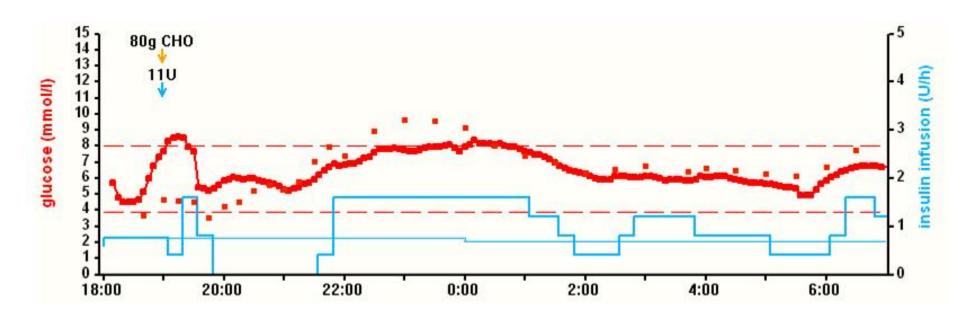






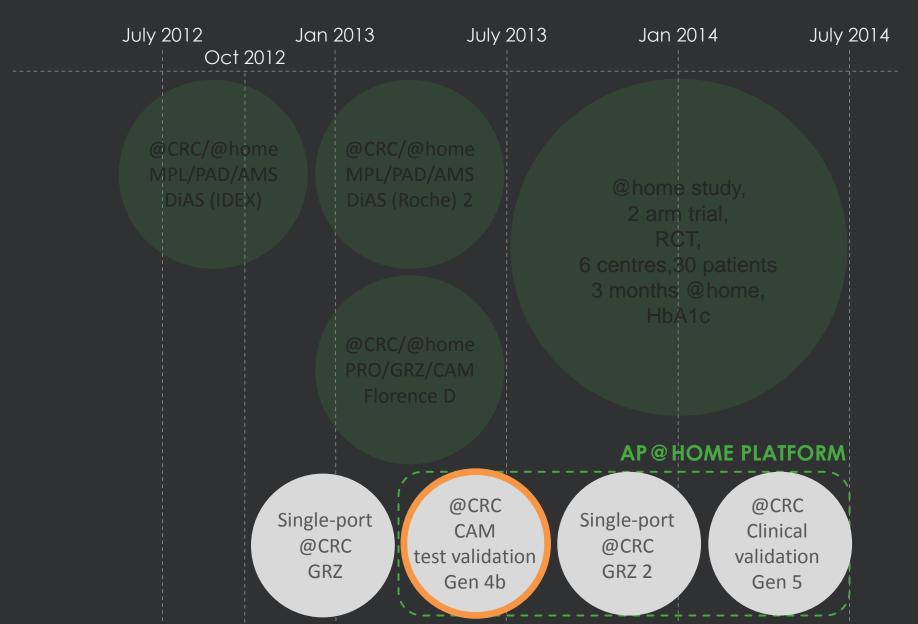
# Clinical study undertaken by the University of Cambridge





#### **ROADMAP FOR @ home STUDIES**

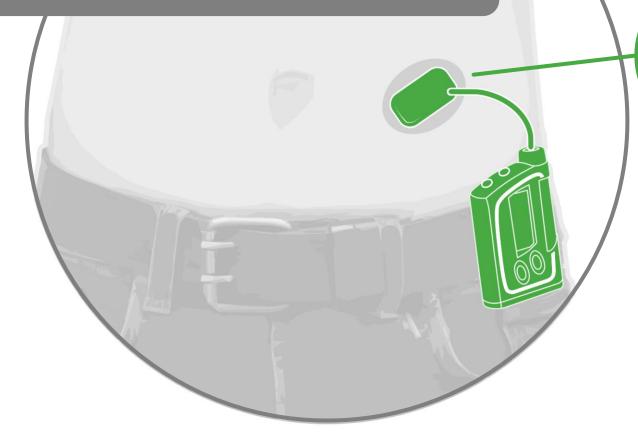




#### SINGLE PORT SYSTEM



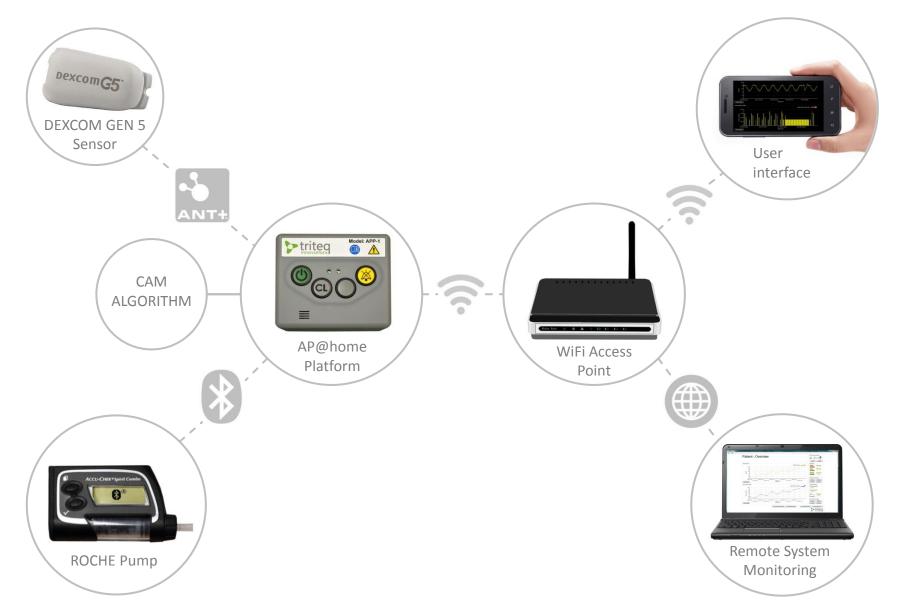
- Open loop CRC carried out WITH Single Port canula
- Moving to second CRC trial using the AP @ Home Platform
- Scheduled for 4<sup>th</sup> Quarter 2013



Glucose measurement and insulin infusion through single point

#### **APP - LOOKING AHEAD**





#### MOVING THE ARTIFICIAL PANCREAS INTO EVERYDAY LIFE









creativity collaboration experience knowledge























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THANK YOU FOR LISTENING ARE THERE ANY QUESTIONS?