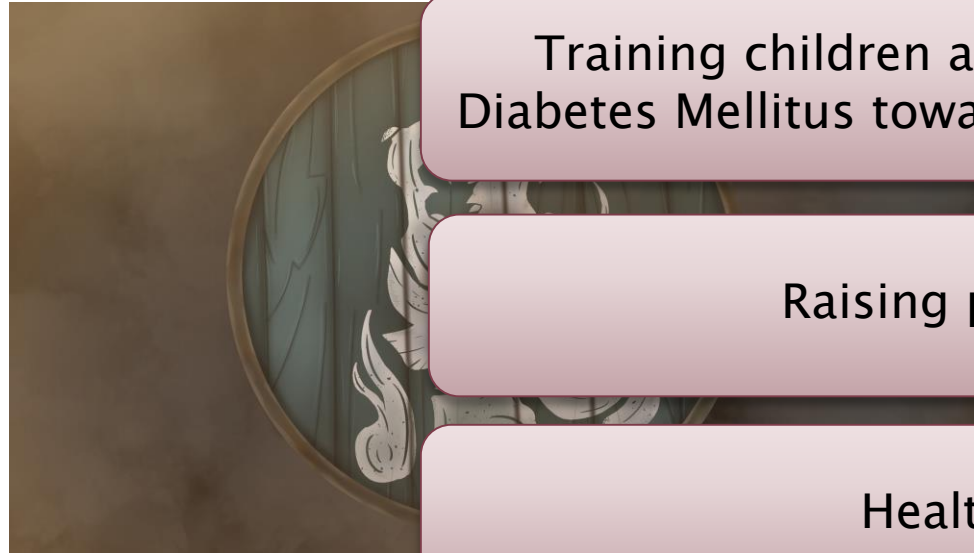


# Nous<sup>4</sup>Health

[www.nous4health.com](http://www.nous4health.com)

# Our first venture...



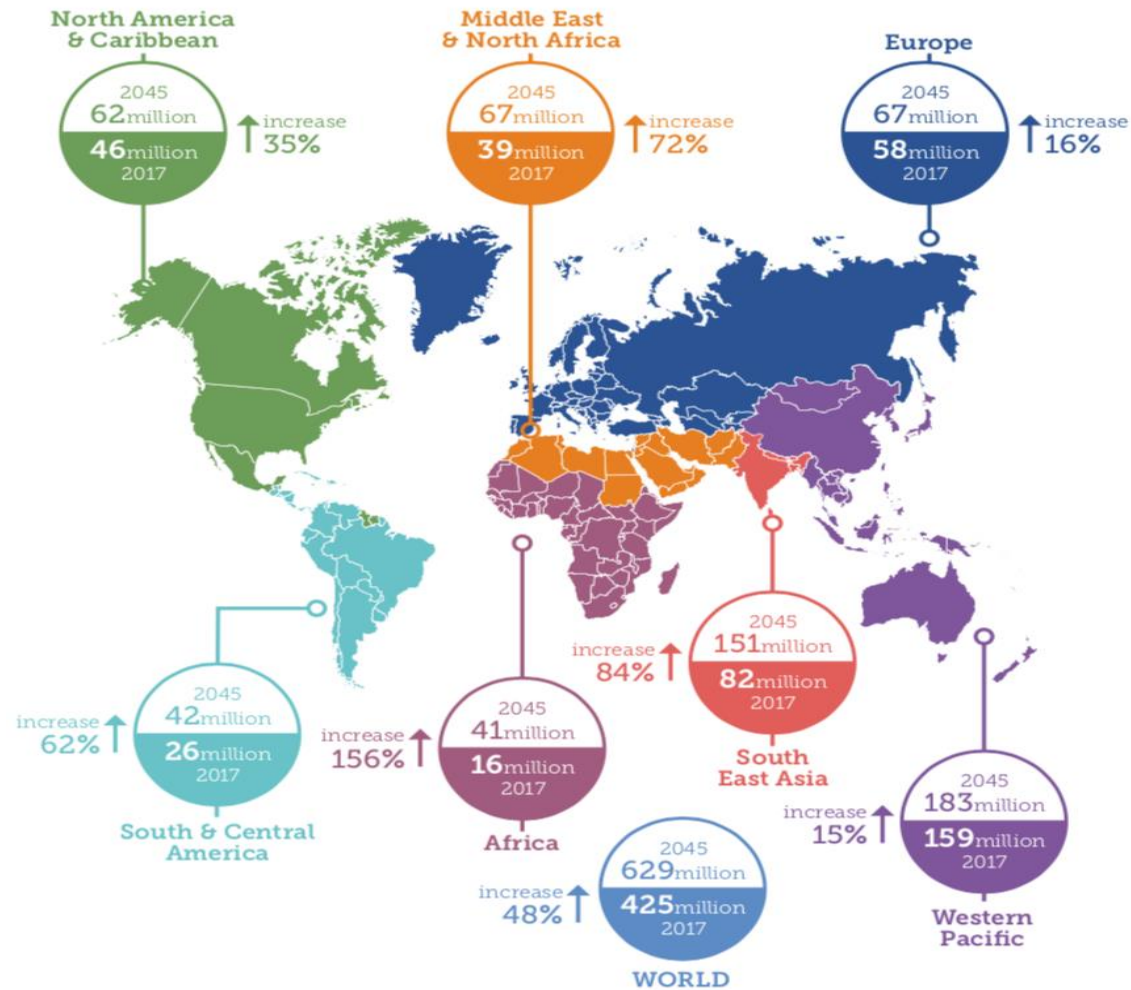
Training children and adolescents with Type 1 Diabetes Mellitus towards self-disease management

Raising public awareness

Health promotion

## Dragamis: A Tale of Dragons and Diabetes

# The global burden of Diabetes Mellitus and Obesity



## Overweight– Obesity

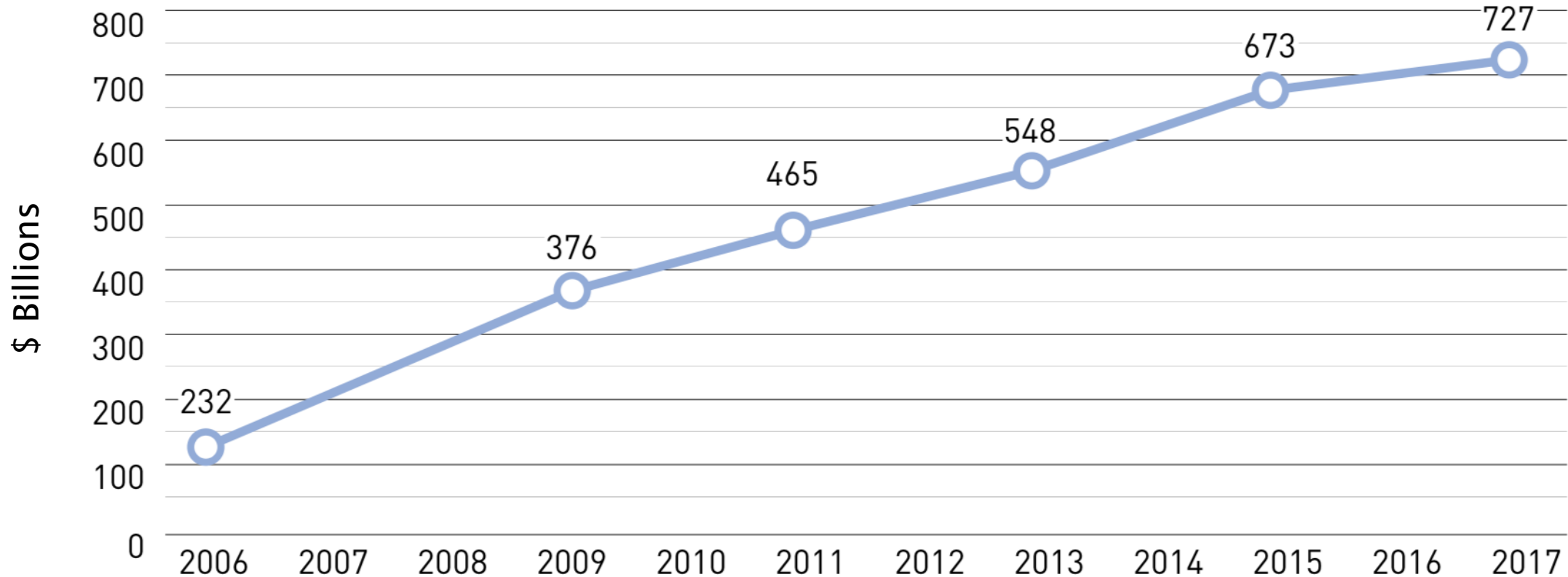
- 1.9 billion adults
- 340 million children and adolescents



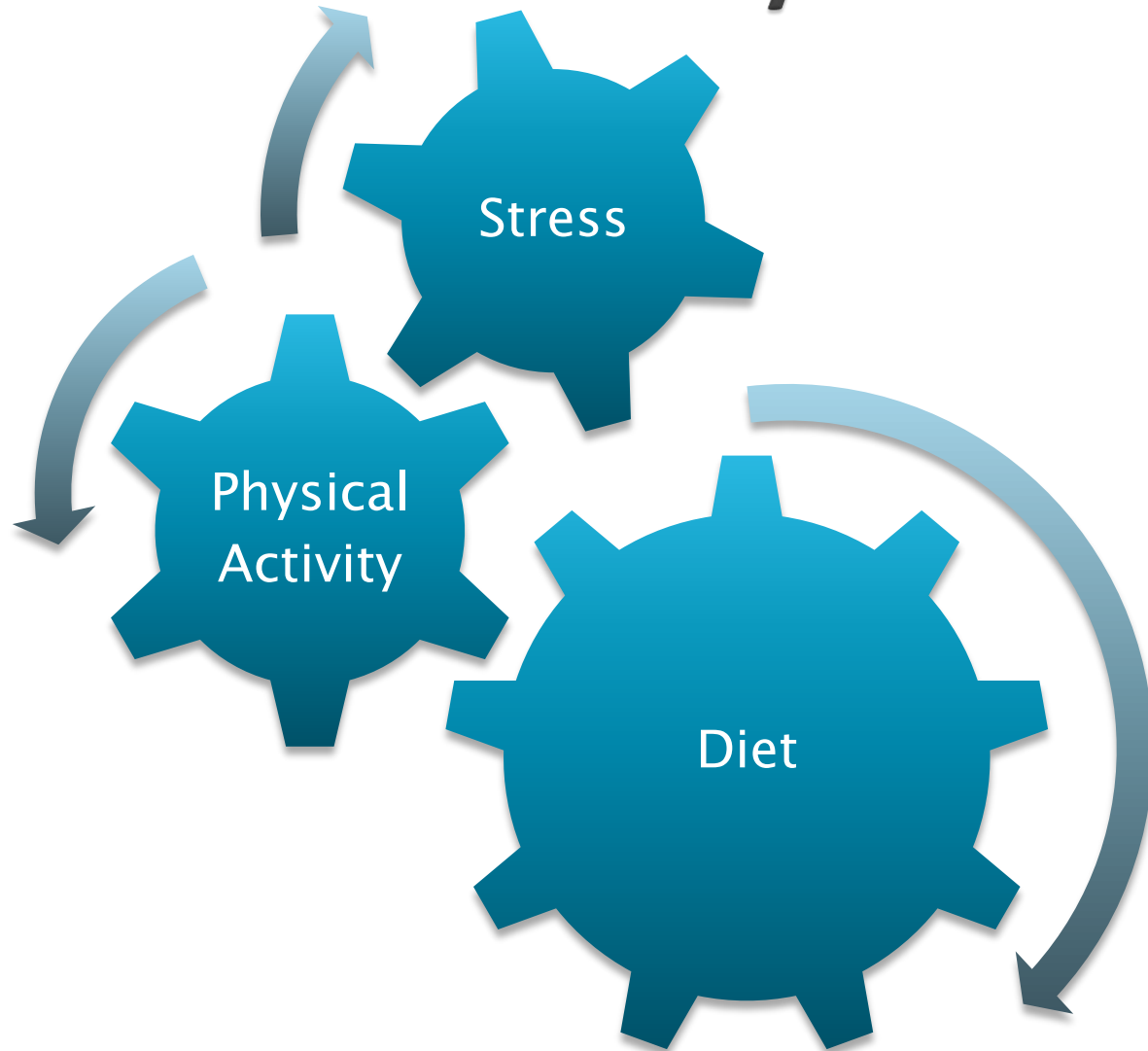
## Diabetes Mellitus

- 425 million
- 48% rise by 2045

# Diabetes Related Healthcare Expenditures



# Glycemic Control



# Primary and Secondary Prevention

## Type 1 Diabetes Mellitus

- Early training



Preventing the development of complications

## Obesity

- Health promotion



Preventing the development of diabetes



# DRAGAMIS: Interactive Storytelling

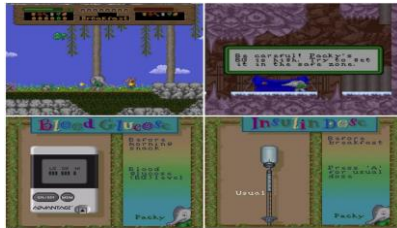


# Competition / Advantage

Diabetic Dog



Packy & Marlon



Monster Manor



Glooko



Fooducate



mySugr: Diabetes logbook app



Health2Sync



## Serious games

- Strong scientific background
- Simulation of realistic scenarios

## Personal Smart Assistants (mobile apps)

- Increased user attractiveness



# Evaluation of DRAGAMIS

- ▶ 45 minutes game play time
- ▶ User acceptance and entertainment
- ▶ 70 school students
- ▶ Age: 8 – 12 years old
- ▶ 62%: no knowledge about Diabetes
- ▶ 1 child with Type 1 Diabetes



# Evaluation of DRAGAMIS

- ▶ 86% were particularly engaged
- ▶ 80% were eager to play the next episode
- ▶ 80% of those children not being aware of the disease understood the concept of optimal glycemic control
- ▶ **Important message:** to follow a healthy lifestyle





- ▶ **Konstantia Zarkogianni, MSc, PhD:** She has extensive experience and expertise in Intelligent Clinical Decision Support Systems. project management, business planning.



- ▶ **Kostas Mitsis:** Diploma in Electrical and Computer Engineering. Graduated from Vakalo Art & Design College. Creative Director, Game Designer, Developer



- ▶ **Maria Athanasiou:** Diploma in Electrical and Computer Engineering. Data analysis, Machine learning, Developer



- ▶ **Konstantina Nikita, PhD, MD:** Full Professor at the School of Electrical and Computer Engineering, NTUA. Advisor



# Press Coverage



Το serious game που «καταπολεμά»  
τον σακχαρώδη διαβήτη τύπου 1

Η ΚΑΘΗΜΕΡΙΝΗ  
Cover page



ΤΟ ΒΗΜΑ



InfoComWorld





We would like to express our warmest thanks to all the contributors of the Invent ICT for their essential guidance and consulting!!!