



# VIPI - VIRTUAL PORTAL FOR INTERACTION AND ICT TRAINING FOR PEOPLE WITH DISABILITIES

1

National ViPi Workshop 03/10/2011, Larnaca, Cyprus

[www.vipi-project.eu](http://www.vipi-project.eu)

511792-LLP-1-2010-1-GR-KA3-KA3NW

# VIPI PLATFORM

- A “one-stop-shop” interactive portal & learning environment (online and via Android mobile phone) that delivers:
  - a multilingual platform (English, Dutch, Greek, Lithuanian) with:
  - an embedded social community (for VET centres, PwD, ICT training centres, etc.);
  - accessible (WCAG 2.0) online ICT for learning environment for PwD, their trainers;
  - with an interactive and vast repository of interoperable SCORM compliant learning objects
  - supported by Web 2.0 social services, and Web 3.0 for semantically enriched content
- Bring together key stakeholders and gatekeepers (VET, target groups, umbrella organizations)

# TECHNICAL APPROACH



# MOBILE LEARNING AND INTERACTION



- Mobile social media (Android)
  - For beneficiaries (PwD)
  - For Learning Object providers
- Mobile games
  - Basic ICT skills learning
  - Educational gaming
  - Learning basics

# ONLINE LO PORTAL AND COMMUNITY



- Get the right learning course for your pupils, yourself, your family
  - Ontology based search engine
    - Allows very targeted searching
    - For who, for what, what mode, format, price (if any), language, etc.
  - Repository of games, applications, etc. related to different kinds of disabilities
    - Vision, hearing, speech, mobility, cognitive, etc.
  - Bringing together outcomes of past projects
    - Recall, Game On, Goal Net, Goet, etc.
- Exchange best practices with other stakeholders
  - Online community
  - Also transposed to mobile

# MOBILE WITH FOCUS ON COMMUNITY



- Access the full ViPi content and games (mobile and Flash)
- Exploits the Accessibility features provided by Android OS
  - Text-to-Speech (TTS)
  - Speech-to-Text (STT)
  - Long and Short touch selections, Kick Back (vibrate)
  - Its Open Source nature maximises possibilities for future collaboration / adaptation of accessibility oriented features and plugins
- Accessibility features provided by ViPi customisations
  - High-contrast (optional) experience for visually impaired
- Refers to over 50% of smartphone market share internationally
- Integration with Facebook, Twitter Google+ etc.

# ONLINE LEARNING COMMUNITY

- Learning courses
  - Dedicated curriculum
    - Basic ICT skills learning
    - Different disabilities
  - Dedicated content
    - Customised to different end-user groups
    - Different modes
  - Dedicated handbook
    - For tutors, family, friends
  - Supported with educational games
    - Flash
    - Android

# DEVELOPED USING OPEN SOURCE TECHNOLOGIES

## ○ Technical

- Portal:
  - WordPress
  - BuddyPress
- Mobile
  - Android
  - WordPress client (customised for PwD)
- Learning
  - ATutor



## ○ Curriculum under creative common license schema

- Content in different languages
- Use what we deliver and make it better!





## MORE INFORMATION:

- Official web page: [www.vipi-project.eu](http://www.vipi-project.eu)
- Twitter: [Twitter.com/ViPi\\_project](https://twitter.com/ViPi_project)
- FaceBook: [tinyurl.com/vipi-project](http://tinyurl.com/vipi-project)

## Contact us:

PhoenixKM BVBA

Steficon

Belgium

Greece

[karel@phoenixkm.eu](mailto:karel@phoenixkm.eu)

[ptsoris@sticon.gr](mailto:ptsoris@sticon.gr)