

Perspectives for Mobile Learning in Higher Education in Bulgaria



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Mobile Technologies

- Significant reduction of the device size
- Expanded functionality
- Access to high-speed Internet
- 55.9% of the Internet users in Bulgaria rely on their mobile phone



Basic Advantages of Mobile Devices in LMS Usage

- Lower price of the devices
- Availability of mobile internet at a good speed
- Mobile phones are an integral part of everyday life
- Learning from any physical location
- Provide easier access to the learning materials
- Ensure easily combine of work and education

The top of the slide features a decorative banner with a dark blue background. On the left, two smartphones are shown: one displaying a home screen with various app icons and another showing a clock and weather widget. Surrounding the phones are several colorful, 3D-style icons: a green airplane, a blue Wi-Fi symbol, a purple music note, and a green 'e' symbol.

Stages of the Research Process

Identifying LMS
used in higher
education
institutions in
Bulgaria

Identifying the
main
functionalities of
LMS

Analysis of the
published m-
learning
materials

LMS Used in Higher Education in Bulgaria

- Moodle
- Blackboard
- e-Learning Shell
- Own system





Features of LMS in Higher Education

- Fast access to learning content
- A wide range of learning materials
- Flexibility and usability
- Cost effective
- **Mobile learning support**



Analysis of the Published M-learning Materials

- Learning materials are mainly in the pdf and pptx file formats
 - The modern functionalities of the mobile devices like:
 - Bluetooth
 - Camera
 - Geo location
 - Face recognition
 - Video streaming
 - Audio recording
- are not being used.



Changes in Higher Education Toward to M-learning

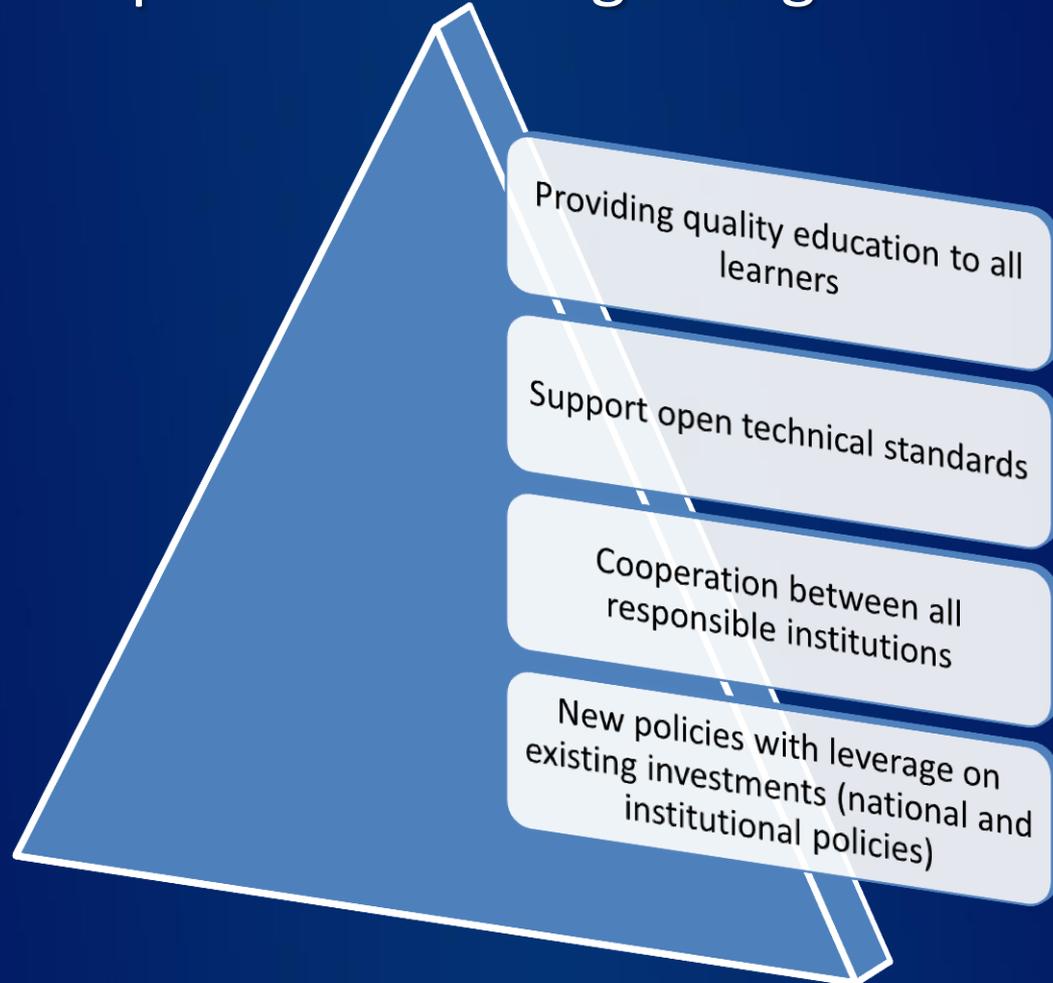
- Improve infrastructure quality
- Design mobile pedagogies
- Training for academic staff on innovative pedagogies and curriculum design
- Development of innovative applications for education and training

Key Considerations In Mobile Learning

- Devices and Technology
- Service Requirements
- Content
- Tracking
- Integration
- Function Analysis



Roadmap for M-learning in Higher Education





THANK YOU!