

# European Education Connectivity Solution

## Project Overview & Update



**Presented at EUNIS  
June 23<sup>rd</sup> 2010**

# Presentation Team

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- *European Campus Card Association*

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# Presentation Agenda

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- Background to EECS Project
  - EECS Project Requirements
  - Consortium for Project
  - Aim of Project
  - Project Overview
  - Market Research (Key Findings)
  - Current Progress & Next Steps
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- **European Campus Card Association (ECCA) - Established 2002**
  
- **ECCA – Main Aims & Objectives**
  - Develop & Promote Standards (EECS Project)
  - Mobility of Students (EECS Project)
  - Establish a business case for card systems
  - Forum for sharing of knowledge and information

**Bologna!**

# Background to EECS Project

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- **European Campus Card Association (ECCA)**
  
  - Yearly conference, last week in Waterford, Ireland. Next year in Bristol, UK
  - Newsletter, forums, web resources, contacts, study visits
  - Shared purchases
  - National chapters in some countries
  - Website <http://www.ecca.eu>
  
  - **Membership welcome!**
  - **Limited membership 0€, full membership 100€. Mail to [info@ecca.eu](mailto:info@ecca.eu)**
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# EECS Project Funding

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- **EU Funded Project (FP7/SME)**
  - **FP7/SME Requirements**
    - *Driven and managed by SME's*
    - *RTD's acts as contractor to SME's*
  - **Role of ECCA in Project**
    - *Executive Management Committee*
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**Consortium = RTD's & SME's (requirement by EU)**

***RTD's x 3***

- Research Technology Dept.
- Approved Research Centre of a University/College

***SME's x 3*** (Small Medium Enterprises)

- Vendor for Final Product
- Manage assigned work packages as per agreed specification

➤ **Benefits to EU**

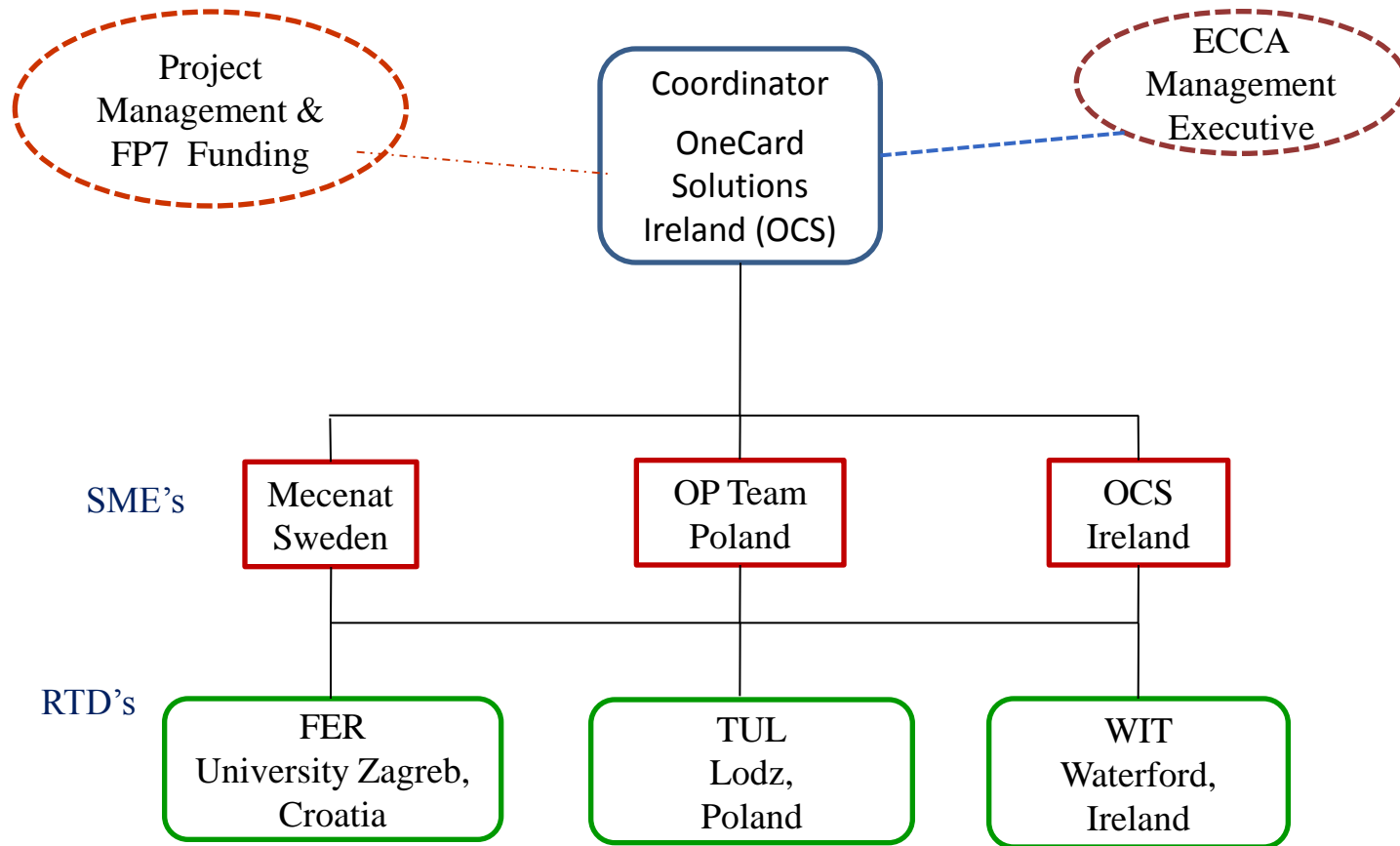
- Development of Mobility & Standards

➤ **Benefits to Consortium**

- Grant Aid (Project = 1.5 million, Grant = 1 million)
  - SME driven project (balance funded by SME's)
  - Delivery of End Product for Vendor & User
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# EECS Consortium Structure

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# Aim of Project

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## Develop Prototype for Card Management System

### Three Core Modules

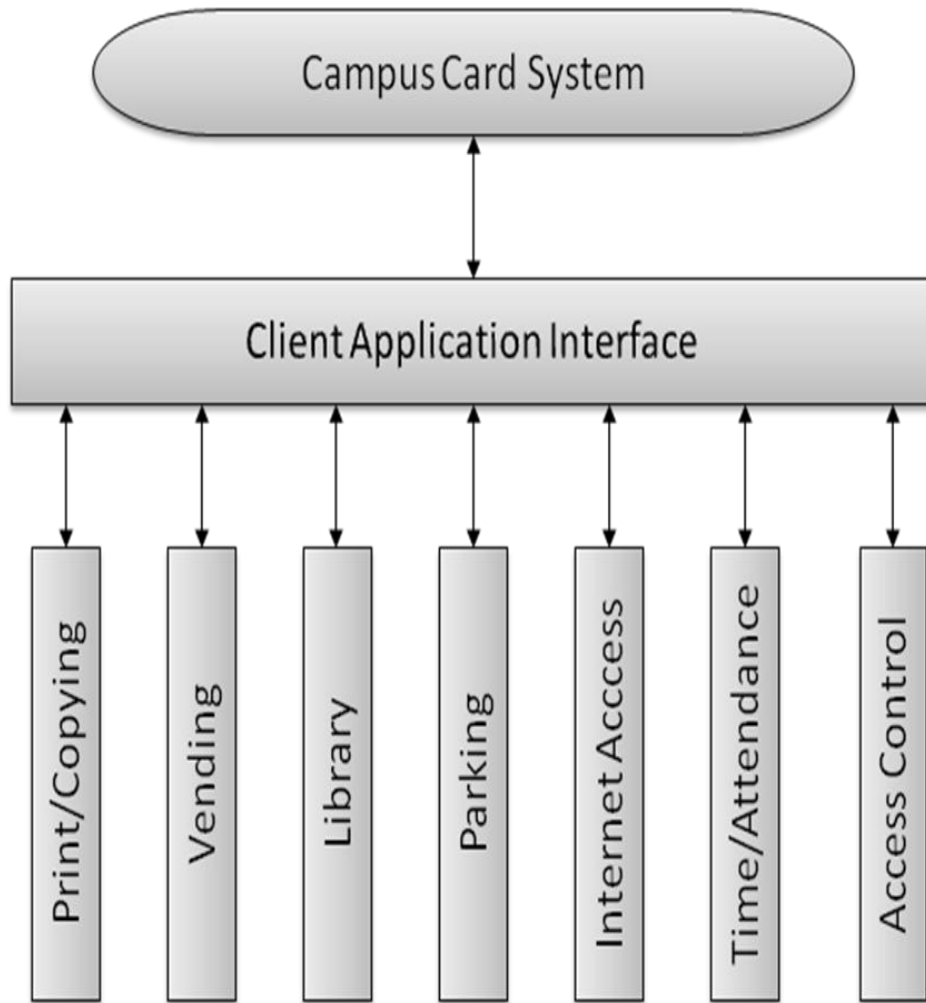
- ☐ *Card Application Management System (CAMS)*
- ☐ *Client Application Interface (CAI)*
- ☐ *Student Connectivity System (SCS)*

### Key Objectives

- Facilitate Interoperability
  - Develop Standards for Card Systems
  - Mobility (key requirement of EU)
  - Security & Access to on-campus facilities
  - Assist with cashless campus
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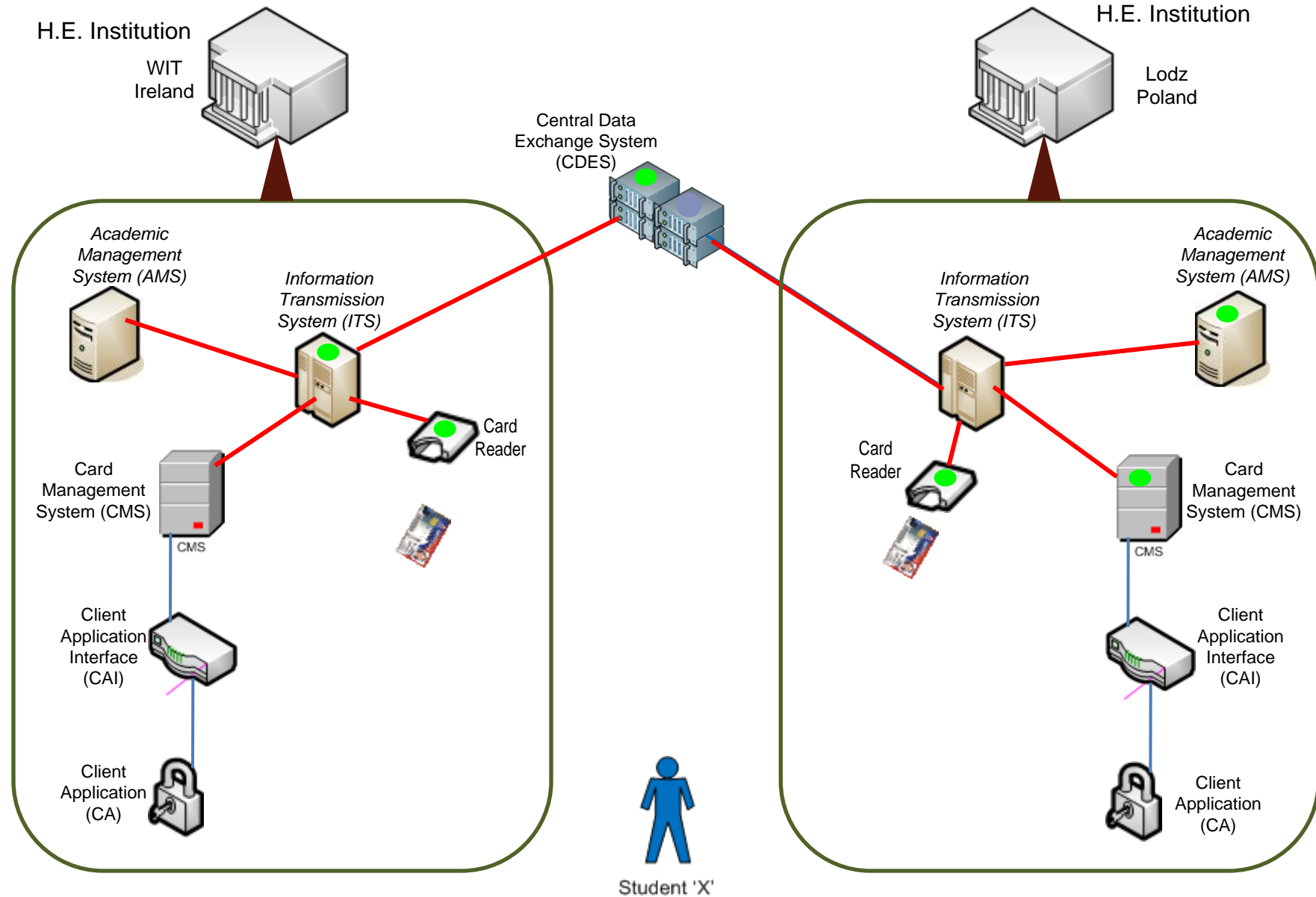
# EECS Client Application ptototype

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- “Plug-in” client applications
- Standardized campus card system
- “Interconnectivity” across Europe

# EECS Exchange Prototype



# Project Overview

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- Project = 6 Work Packages (WP)
  - Each Work Package = Deliverables
  - Managed by SME, Research by RTD
  - Timescales/Milestones for each WP
  - Payment Structure for each WP
  - Quality Control & Audit
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# Project Overview

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WP	Title	Start	End	Update	SME
WP1	Project Management	Jun 09	May 11	Ongoing	OCS
WP2	Current Technology & Market Analysis	Jun 09	Oct 09	Complete	MEC
WP3	Technical Requirements Analysis & Scientific Solutions	Oct 09	Mar 10	Complete	OCS
WP4	Applied Research & Development	Nov 09	Feb 11	Current	OCS
WP5	Validation & Testing	Sep 10	Apr 11		OP
WP6	Training, Knowledge Management and Dissemination	Jul 10	May 11		OCS

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# Market Research – Key Findings

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## General Overview

- Random Sample
- 100 Universities/Colleges (Card Users & Non-Users)
- Current Market & Future Requirements

## Key Areas of Research

- Card Technology & Applications
  - Payment Systems
  - Value Load Options
  - Market Potential for SME's
  - Interoperability & Mobility
  - Off-Campus Purchases & Student Concessions/Discounts
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# European Education Connectivity Solution

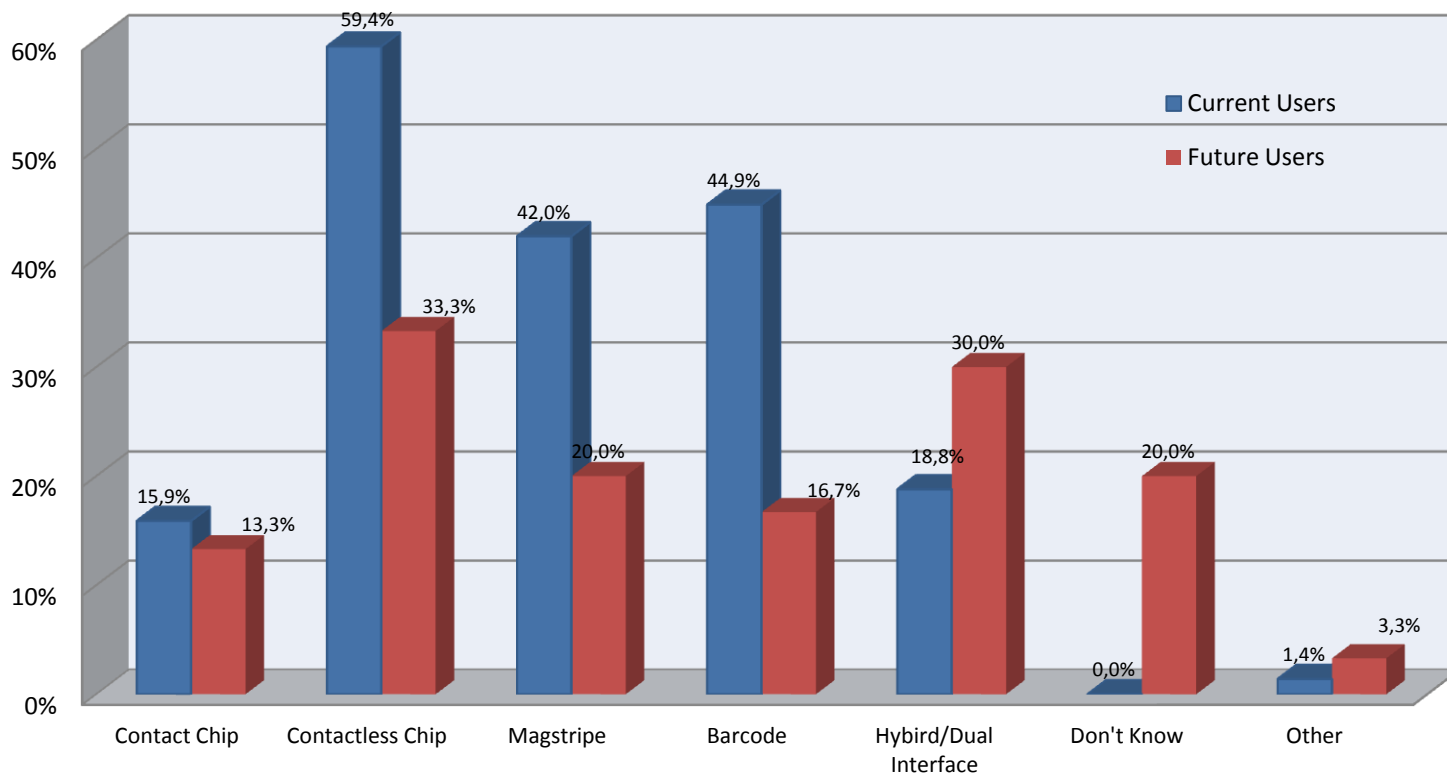
## Market Research – Key Findings



# Market Research – Key Findings

## ➤ Card Technology

**Figure 1: Current and Future Card Technology for Campus Card Systems**

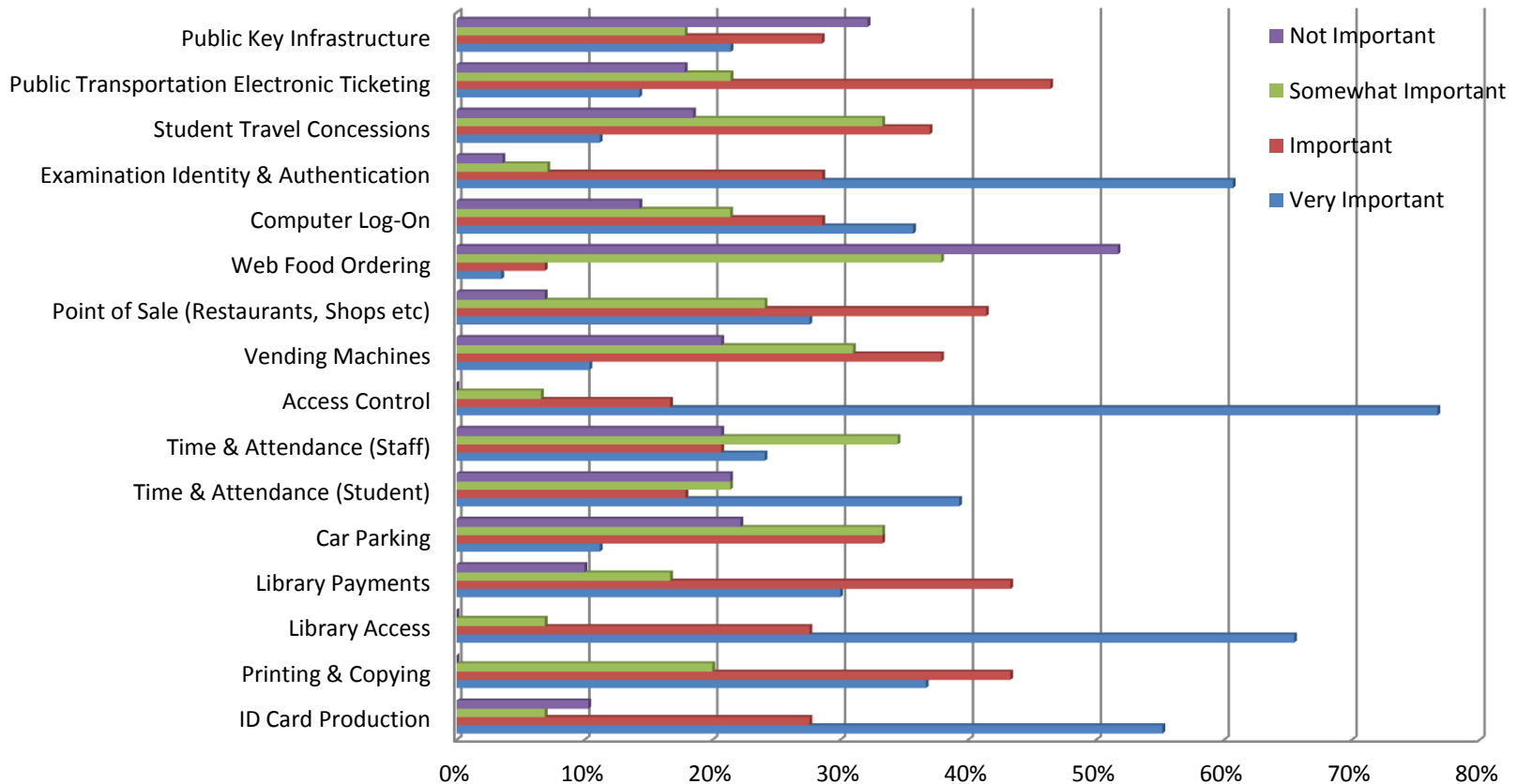




# Market Research – Key Findings

## ➤ Applications

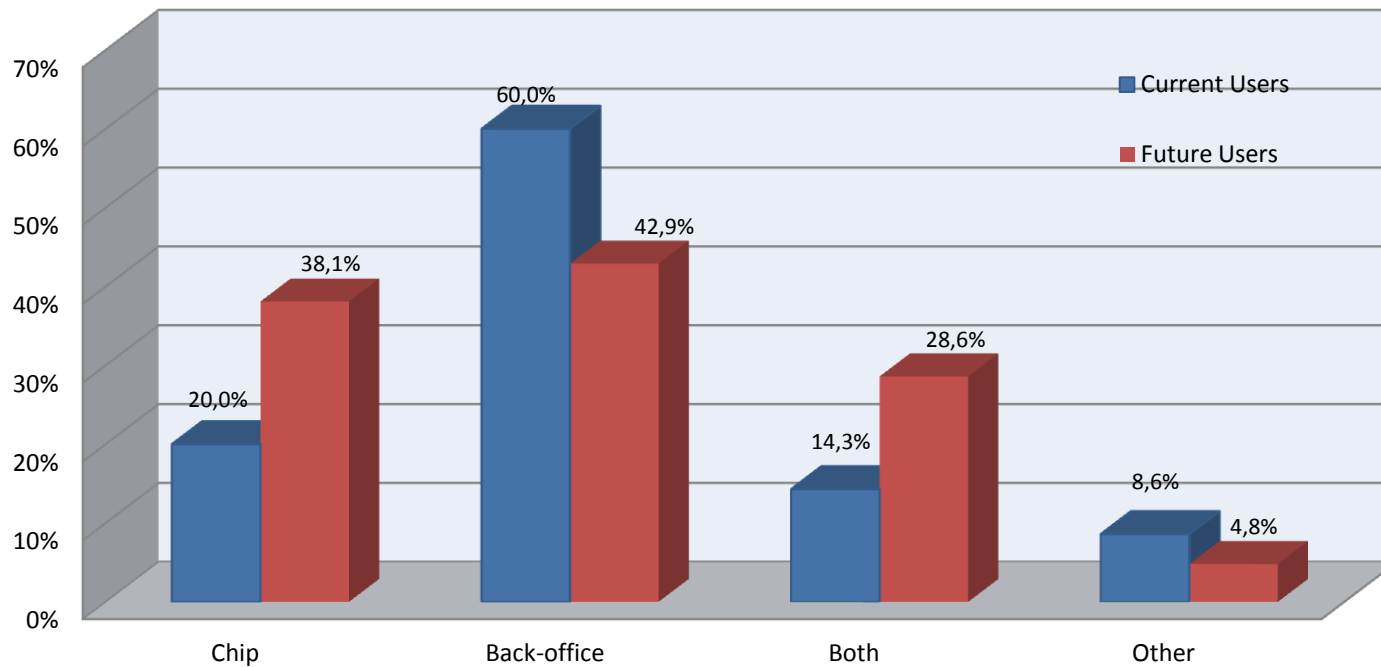
**Figure 2: Future trends for campus Card Applications**



# Market Research – Key Findings

## ➤ Payment Systems

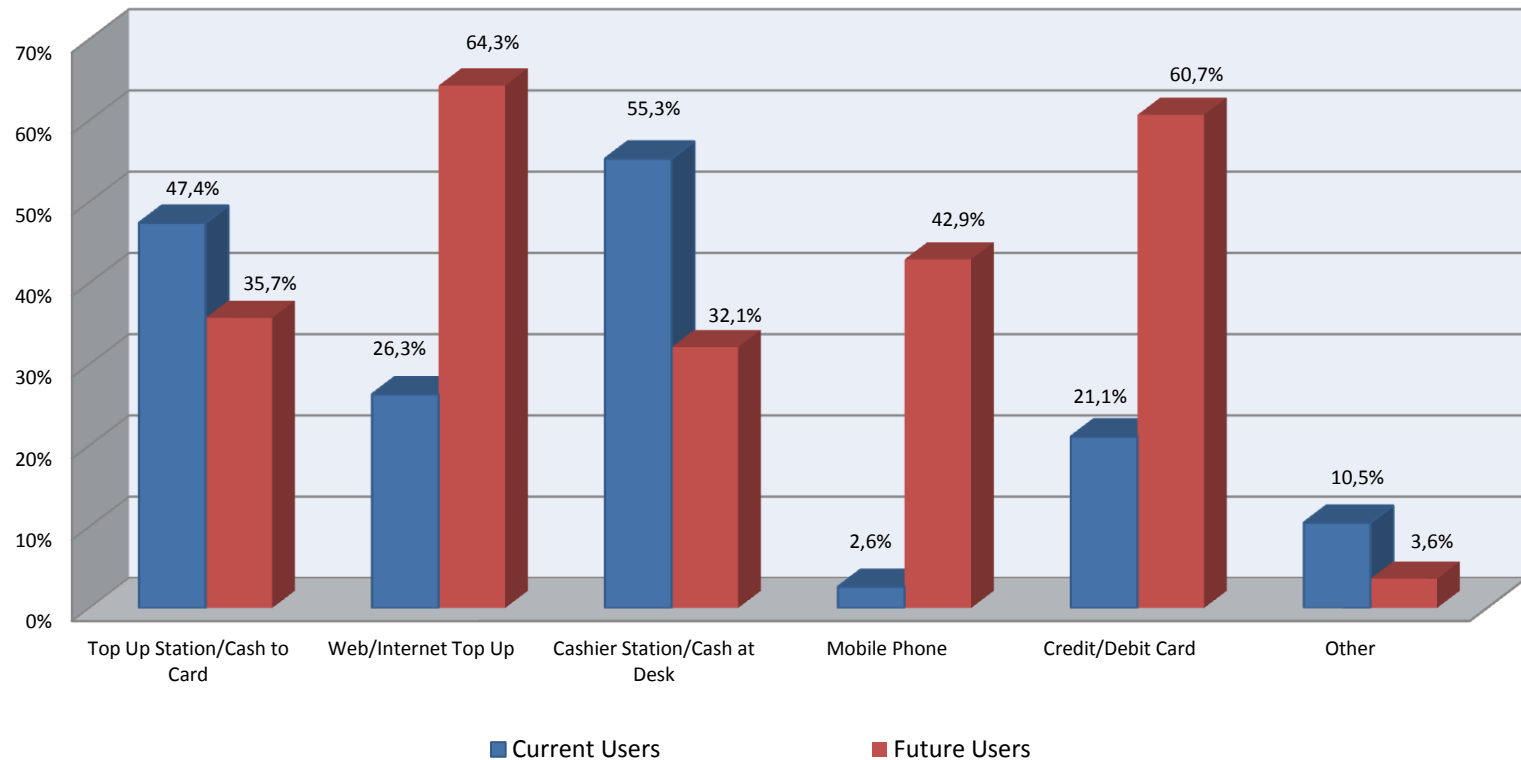
**Figure 3: Methods of Storing Value (Cash) on a Campus Card System**



# Market Research – Key Findings

## ➤ Value Load Options

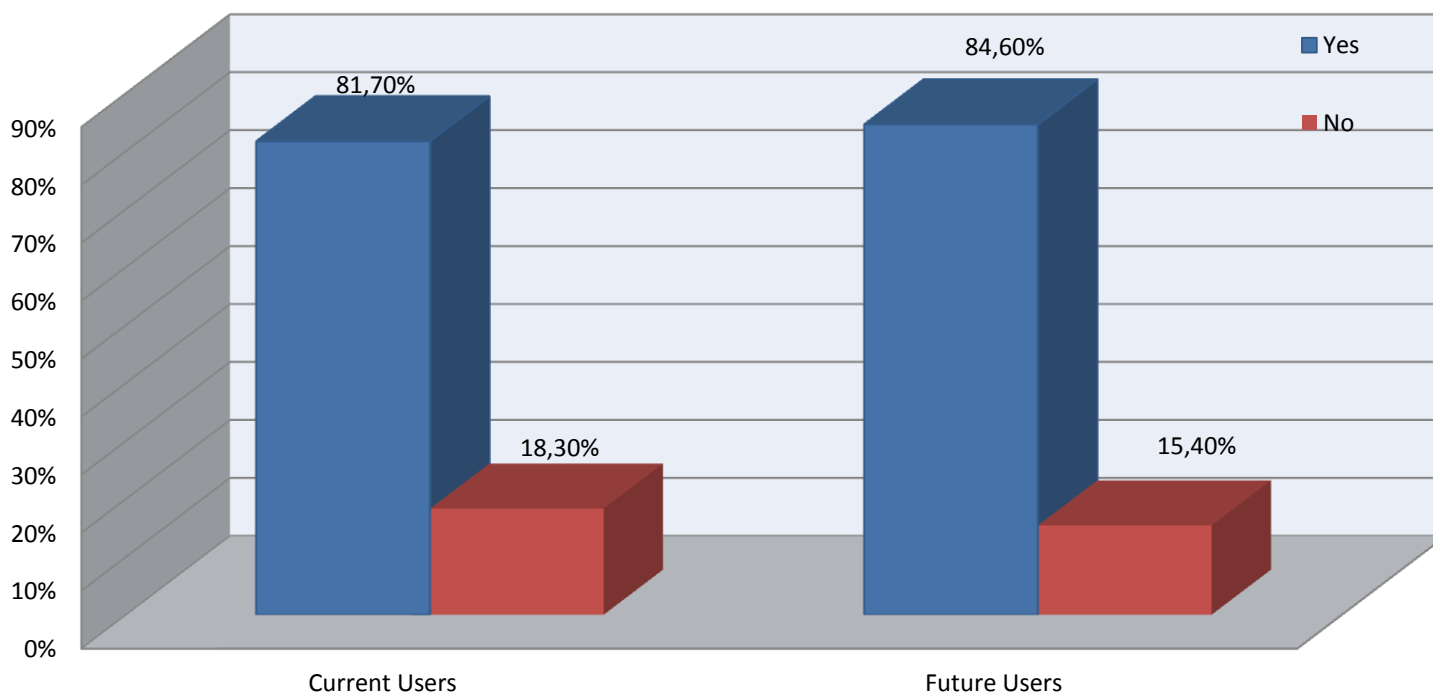
**Figure 4: Methods used to add value/money to your Campus Card/Account**



# Market Research – Key Findings

## ➤ Market Potential for SME's

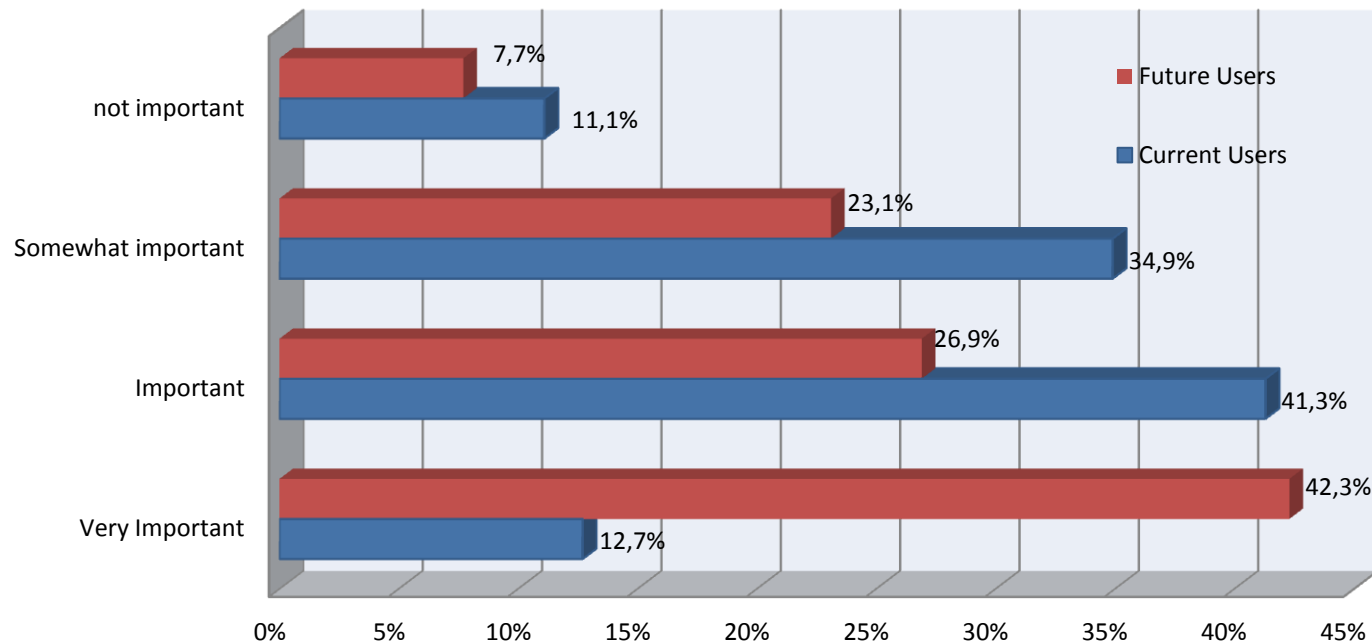
Figure 5: If there was a standard European Campus Card would you use it?



# Market Research – Key Findings

## ➤ Interoperability & Mobility

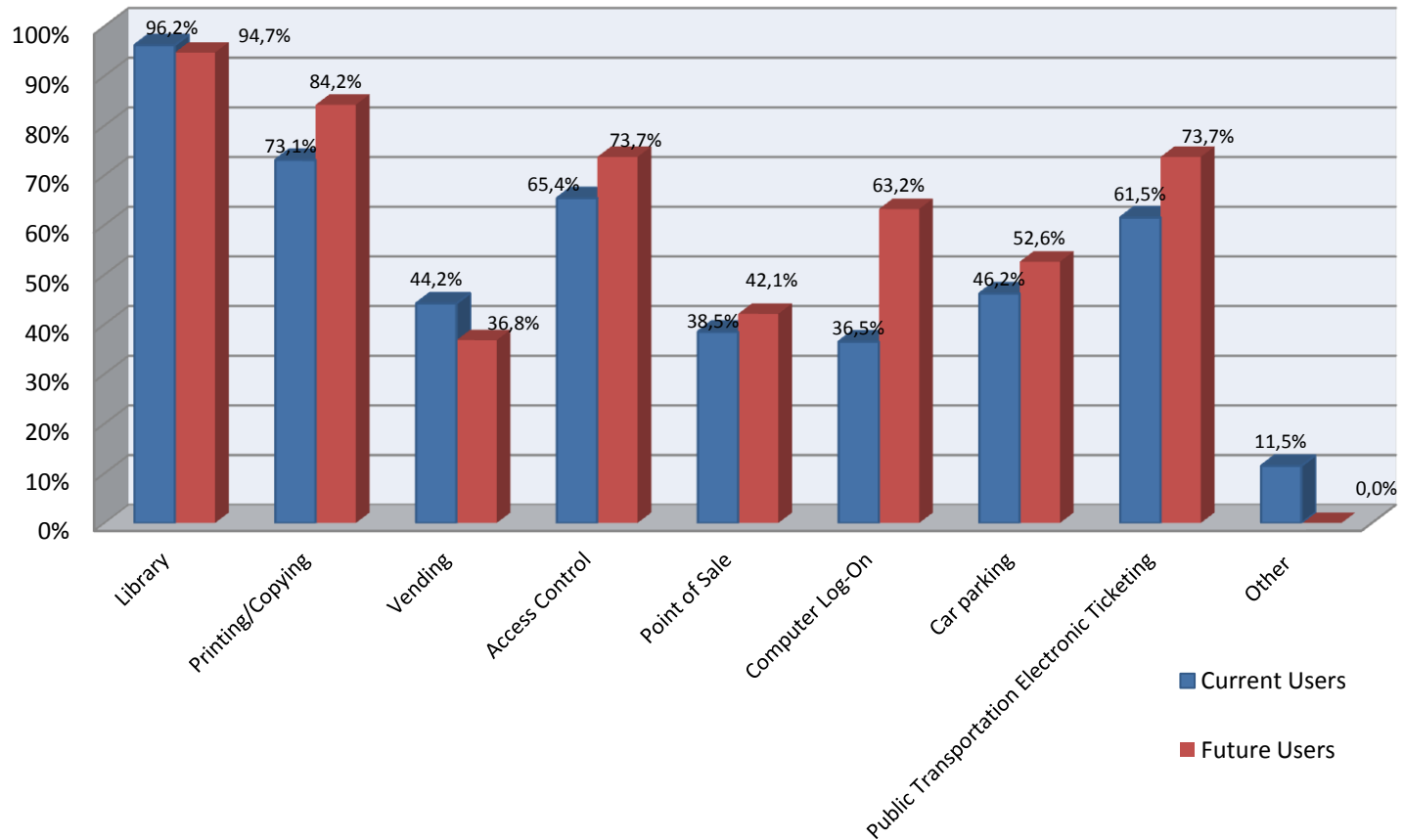
Figure 6: The Importance of Interoperability for Campus Cards



# Market Research – Key Findings

## ➤ Interoperability & Mobility

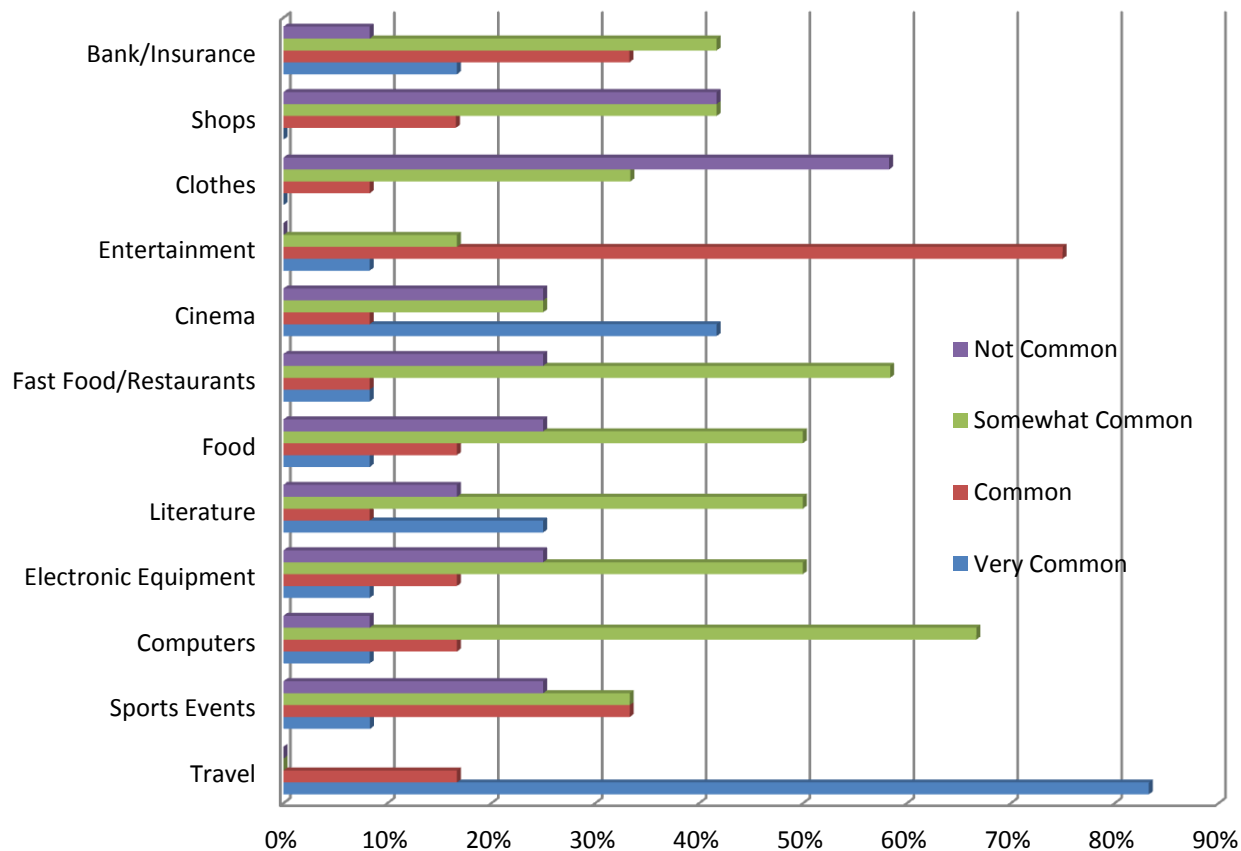
Figure 7: Services/facilities that should be available in other institutions



# Market Research – Key Findings

## ➤ Off-Campus Purchases & Student Concessions/Discounts

**Figure 8: Common Student Discounts**



## ***Current Progress & Next Steps***

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- WP4 = Research & Development of 3 Core Modules
  - Project Plan (Integration of RTD's work)
  - Live Trials with Universities in Europe
  - Delivery Date – June 2011
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