SPEED PRESENTATIONS ON DIGITAL CITIZENSHIP BY INDUSTRY PARTNERS
Participants
• 400 teachers
• 42 facilitators
• 10 industry experts

Output
• 66 innovative proposals
• 42 finished lesson plans

Pilots
• 15 teams
• 30 schools
“Mobile devices are powerful platforms for engaging citizens as partners in transforming the public sector. Governments need to move faster to take advantage of this opportunity.”

- Center for Government Insights, Deloitte
DIGITAL TECHNOLOGY IN SERVICE OF EFFECTIVE COLLABORATIVE LEARNING ACROSS BORDERS

GRAHAM NEWELL, DIRECTOR OF EDUCATION, IRIS CONNECT
RESEARCH THAT UNDERPINS THE IRIS CONNECT DESIGN

Teacher Professional Learning

Adapted from Joyce and Showers, 2002
THE LIMITLESS POTENTIAL OF DIGITAL TECHNOLOGY: SHARING RESOURCES AND BUILDING KNOWLEDGE

Capturing a lesson in a Johannesburg township school for sharing and peer feedback with both local and UK teachers

The Deputy Minister of Basic Education of South Africa, Mr. Enver Surty, launching the collaborative project

Evidence-based feedback session
COLLABORATION WITHIN AND BETWEEN SCHOOLS ACROSS THE GLOBE
HP LIFE – WHAT IS IT ABOUT?

- Digital Citizenship: Using technology to improve knowledge on skills for today’s economy – for individuals, education institutions, NGOs
- 25 (soon 27) online micro courses on entrepreneurship topics
- Accessible for everyone
- No cost
- Can easily be embedded in blended learning scenarios
- [www.life-global.org](http://www.life-global.org)
HP LIFE – SOME FACTS AND FIGURES

- 630,000+ people from around the world attended HP LIFE courses (since 2012)
- 84% of participants credit their success in business to HP LIFE learning
- Partnership program with UNHCR in refugee areas and with UNIDO in vulnerable communities
- Tunisia example: in 3 years 1,000+ real and sustainable jobs were created in the Southern part of Tunisia
- Check it out: www.life-global.org
DIGITAL CITIZENS COMING OUT OF DIGITAL SCHOOLS – WHAT TO EXPECT

OLGA SVYRYDENKO
TEACHER ENGAGEMENT MANAGER IN CENTRAL AND EASTERN EUROPE, MICROSOFT
We work hard to include and empower people everywhere to have access to technology that can improve their lives. Partnering with nonprofit groups, innovative companies, and governments, we offer programs that help to empower youth, entrepreneurs, developers, and others.

TECHNOLOGY TIPPING POINTS BY 2025

- 30% of corporate audits will be performed by AI
- 10% of all cars on US roads will be driverless
- First government tax collected via a blockchain

SOURCE: DEEP SHIFT TECHNOLOGY TIPPING POINTS AND SOCIETAL IMPACT | WORLD ECONOMIC FORUM REPORT (2015)
To deliver on the promises technology holds, countries will need a convincing strategy to build teachers’ capacity. And policy-makers need to become better at building support for this agenda.
YOUTH UNEMPLOYMENT UNRELENTING IN EUROPE

SPAIN: 49.9%
GREECE: 49.7%
CROATIA: 43.6%
ITALY: 42.7%
FINLAND: 22.5%
SWEDEN: 21.3%
Estonia: 20.9%
SLOVENIA: 17.0%
UNITED KINGDOM: 15.7%
NETHERLANDS: 10.8%
AUSTRIA: 9.9%
GERMANY: 7.2%

SOURCE: EUROSTAT 2015
BUILDING ESSENTIAL LIFE SKILLS

- Computational Thinking
- Critical Thinking
- Collaboration
- Communication
- Creativity
Prepare the Next Generation for Success

Provide the curriculum, the training ground, and the validation of skills that college and career-bound students need to achieve through the Microsoft Imagine Academy program.

73% of new jobs in the next five years will require technology skills.

1Source: US-BLS Employment Projections
Delivers value, skills, and productivity for today’s evolving technology landscape

**Industry-recognized certifications:**
- Prepared candidates
- Skilled employees
- Productive workers
- Job-ready recruits

**Professional development:**
- Certification and skills training
- Ready-made, customizable lesson plans
- Flexible delivery methods
- Advanced skills training (MCE, MCT, MIE, TWT)

**Business value:**
- Thousands of dollars in benefits
- Immediate ROI with exam vouchers
- Huge cost savings in course development and delivery
- Industry-leading curriculums

**Learner development:**
- Prescriptive training on industry-leading technologies
- Industry-recognized certifications
- Greater employability
- Opportunity for improved compensation
BEING A SMART DIGITAL CITIZEN

IF WE TEACH TODAY AS WE TAUGHT YESTERDAY WE ROB OUR CHILDREN OF TOMORROW

JENNA PIPCHUK PETER CLAXTON SMART TECHNOLOGY
The times they are a changing.

Bob Dylan

The biggest revolution in global education is happening **today**

Pedagogy – Structure – Funding – Software – Technology

The “Quest for European Digital Citizenship” is NOT ENOUGH
What we need are Global Digital Citizens
Collaborating in real-time through SMART’s hardware and software, elementary and high school students in the UK, US and Canada worked together to design, build and 3D print rechargeable lanterns and are seeing success in both the engagement and readiness skills for students, as well as STEM education initiatives.

This video case study demonstrates what happens when the research is put into action with schools.

RESEARCH IN ACTION: A CLASS PROJECT LIKE NO OTHER IN HISTORY

3 SCHOOLS. 3 CONTINENTS. 1 GOAL. BUILDING LIGHTS FOR THE DEVELOPING WORLD, TOGETHER.

It’s a kind of magic. Queen
Engineering Brightness
Standardizing on Software to Connect Global Learners
We’d like to teach the world to sing in perfect harmony.

New Seekers

Economies are Global

Our Cultural understanding needs to be Global

A successful Global citizen is one who understands the global connection and Influenze

The Future for Digital Citizens is Global
SCIENCE EDUCATION AS KEY TO CITIZENSHIP

STEPHAN GRIEBEL, TEXAS INSTRUMENTS

http://education.ti.com
CITIZENSHIP IS ABOUT …

- Participation vs. lock-out
- Inclusion vs. exclusion
- Self-determination vs. other-directed
SCIENCE IS ABOUT …

- Facts vs. beliefs
- Give Control vs. being controlled
- Strong self-esteem vs. self-depreciation
- Break limits vs. restriction
TExAS INSTRUMENTS DOES …

- K-12 (http://education.ti.com)
  - Meaningful use of hardware and software in math, science and STEM education
  - CPD – 20 Years T3 Europe; Stimulating content
  - Inquiry Based Learning; Sensemaking

- K-16
  - College Students and their professors
  - Employability for engineering careers

- Life-Long Learning
  - Engineer to Engineer community
VALUE DRIVEN EDUCATION

AMANDA PETHRUS, SCM SECURE
CHALLENGES TODAY

- Increased number of hate crimes
- Large immigration in a short timespan
- Increased nationalistic sympathizers in society – “we” vs “them”
How do we secure

- The right child
- At the right place
- At the right time
SUMMARY/SOLUTIONS

- Security
- Value Driven Education
- Technology
ACER DIGITAL INCLUSION PROJECT: QPR AND ORLANDO PIRATES

CRISTINA PEZ – ACER EUROPE
CITIZENSHIP

...the character of an individual viewed as a member of society; behavior in terms of the duties, obligations, and functions of a citizen

EXPERIENCE

is the most valuable teaching
A BIT OF BACKGROUND

- Acer and Microsoft have partnered with football clubs Orlando pirates in South Africa and Queens Park Ranges in the UK by setting up learning centres where students within the community can come and learn using IT.

- It has also introduced an initiative to connect these children from different countries via Skype lessons every Wednesday.

- Exchange programme allowed students from the respective countries to visit the other country and football clubs taking the experience to new heights.
OBJECTIVES & OUTCOMES

- Digital Inclusion and encouraging multi-cultural learning
- Breaking barriers between people and technology
- The education benefits and increased results through the collaboration
- The power of technology in breaking down the digital divide between learners
- Power of connecting learning, sport and technology
...IT IS THE ONLY BRAND THAT BELIEVES IN MAKING TECHNOLOGY ACCESSIBLE TO EVERYONE, NOT JUST A FEW.