Evaluating the Samsung Professional Development Programme for teachers

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SAMSUNG

European Schoolnet

Future Classroom Lab

Participant survey April 2015

Online: https://www.surveymonkey.net/collect/?collector_id=66196615

20 questions in English, covering background, experience, school, the project, impact, future wishes

18 respondents from Austria, Poland, Italy, Portugal, Latvia, Spain, Croatia, Serbia – **thank you!**
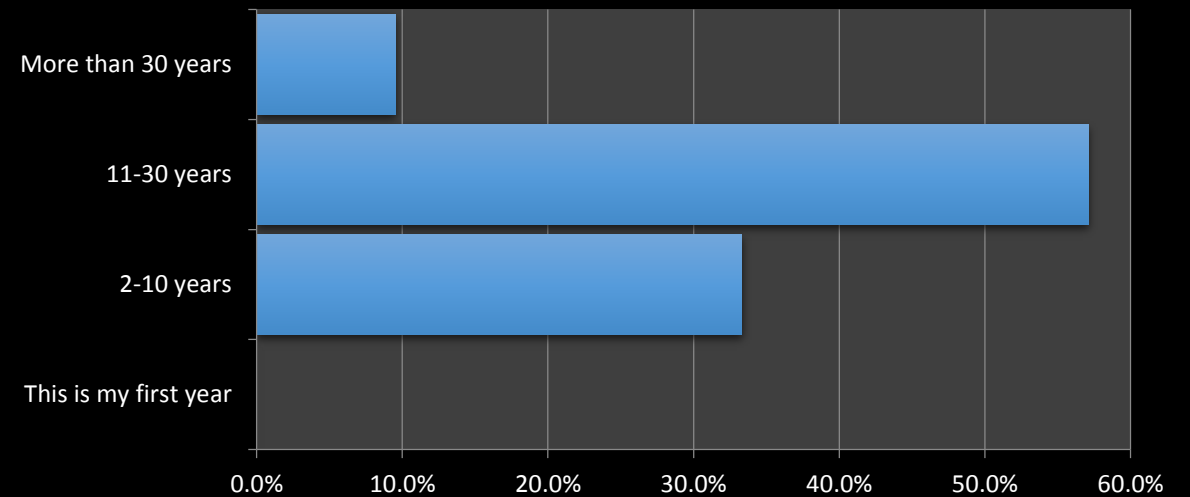
Caveats: self-selected small sample, non-respondents are likely to be less positive, self-reporting.
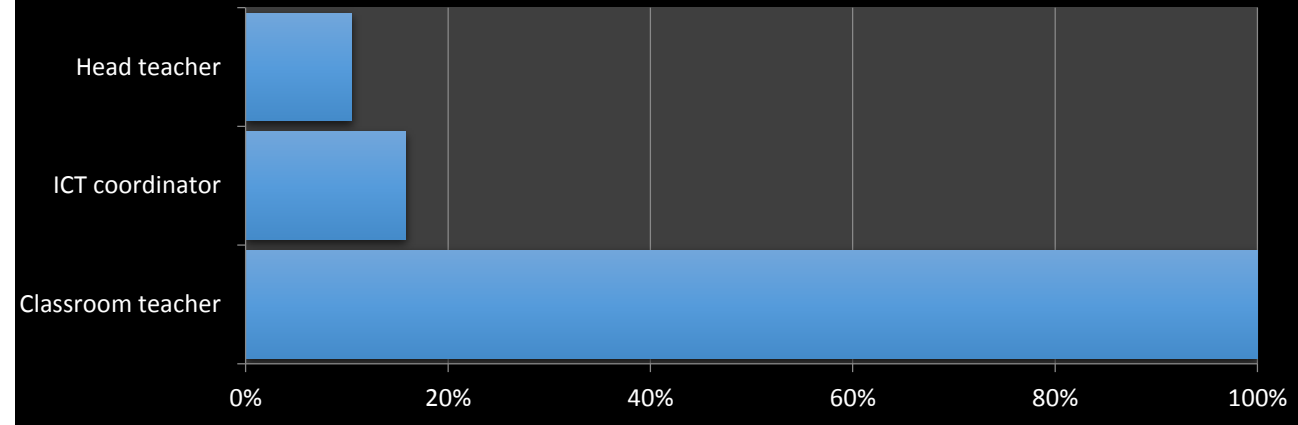
1: The teachers

Experienced: over half have between 11 and 30 years' experience teaching

All teach: but some have additional roles: library, deputy head, ICT competence centre, work with groups of schools, Samsung project coordinator

How long have you been working as a teacher?

(bar chart with categories: More than 30 years, 11-30 years, 2-10 years, This is my first year; x-axis 0.0% to 60.0%)

Role (more than one is possible)

(bar chart with categories: Head teacher, ICT coordinator, Classroom teacher; x-axis 0% to 100%)

Pedagogical ICT competence

Almost all (86%) self-rate themselves as competent or highly competent

How competent are you in using ICT in teaching and learning?
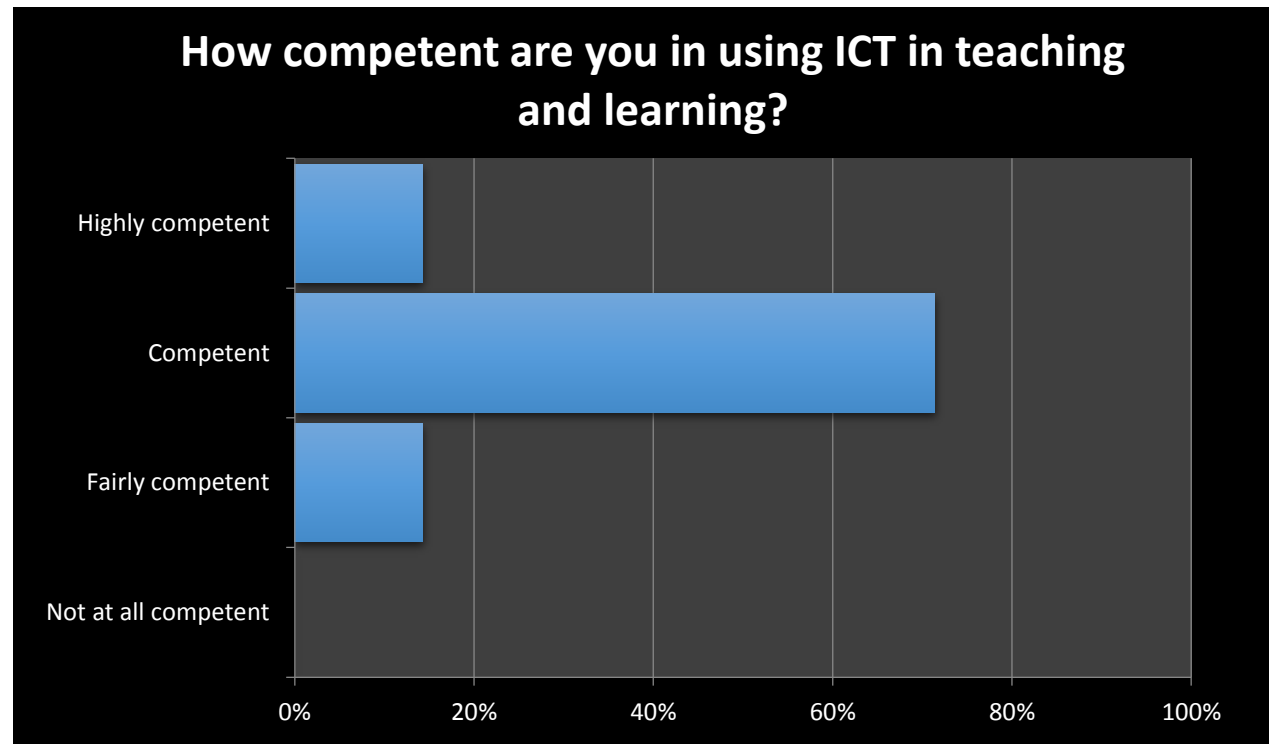
All sorts! No common age across all respondents, therefore difficult to draw conclusions

NB some people work in more than one school

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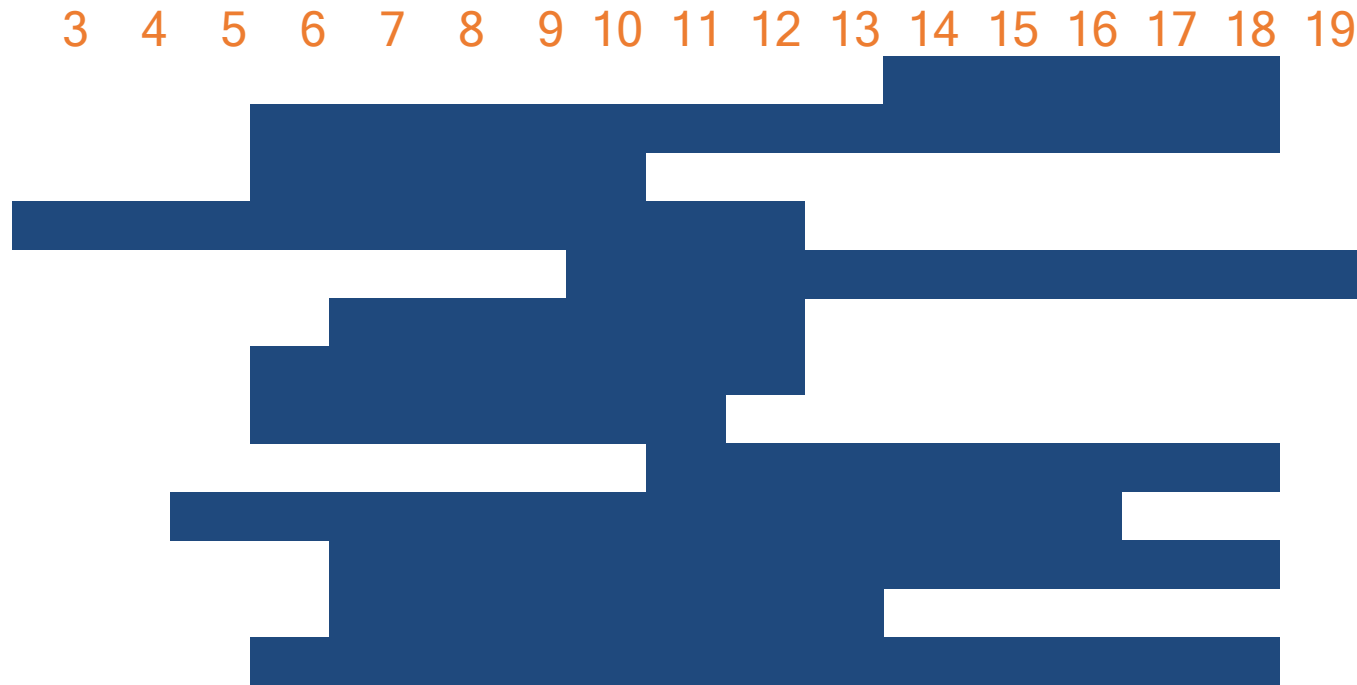
Innovative schools?

A mixture: Most are ahead and 24% 'at the leading edge', but 29% not or not at all innovative

Is this a productive mix?

To what extent would you say your school is innovative and ahead of others in its use of ICT?

Category	
Not at all innovative	(bar ~5%)
Not very innovative	(bar ~24%)
Above average	(bar ~47%)
At the leading edge	(bar ~24%)

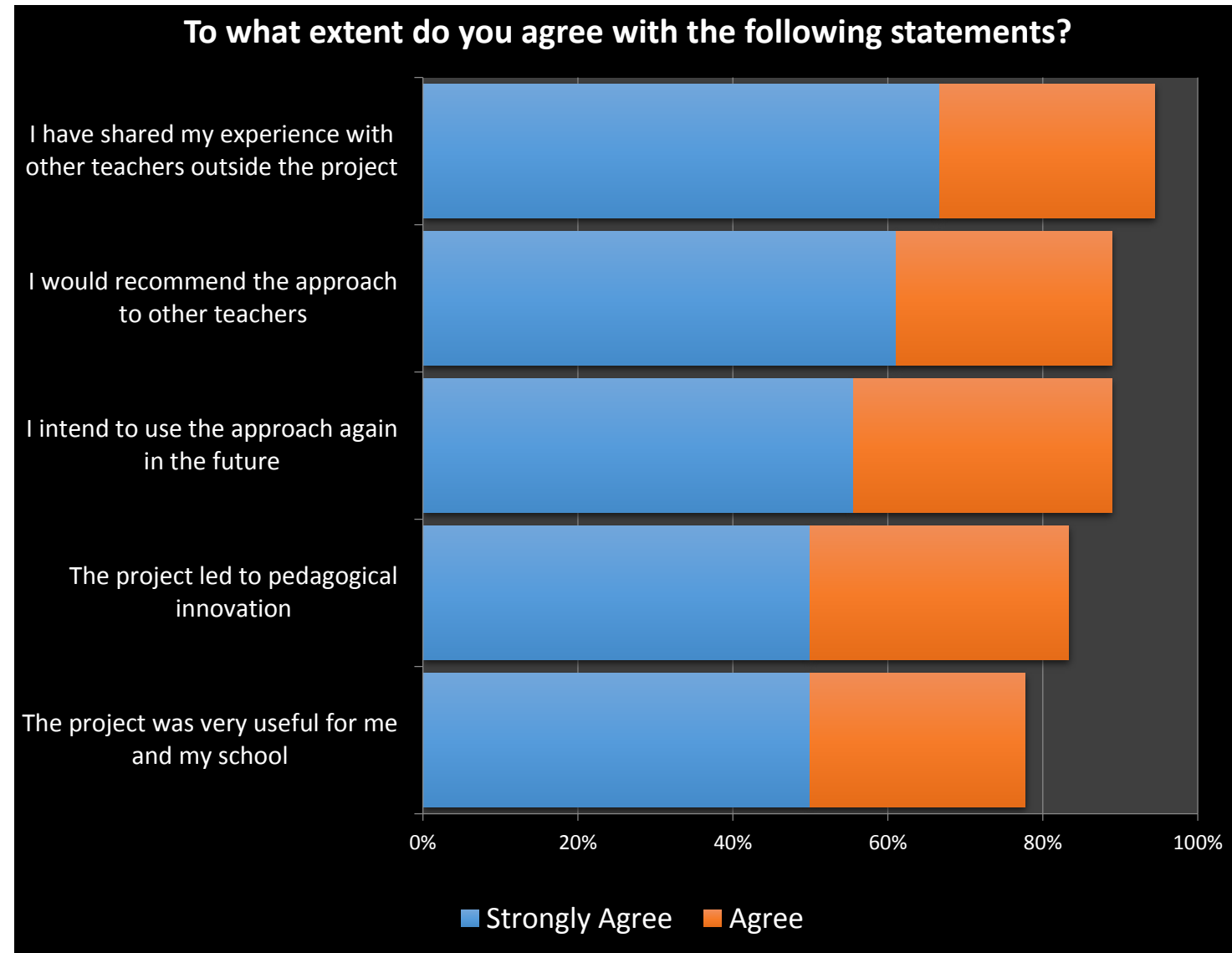0%   20%   40%   60%
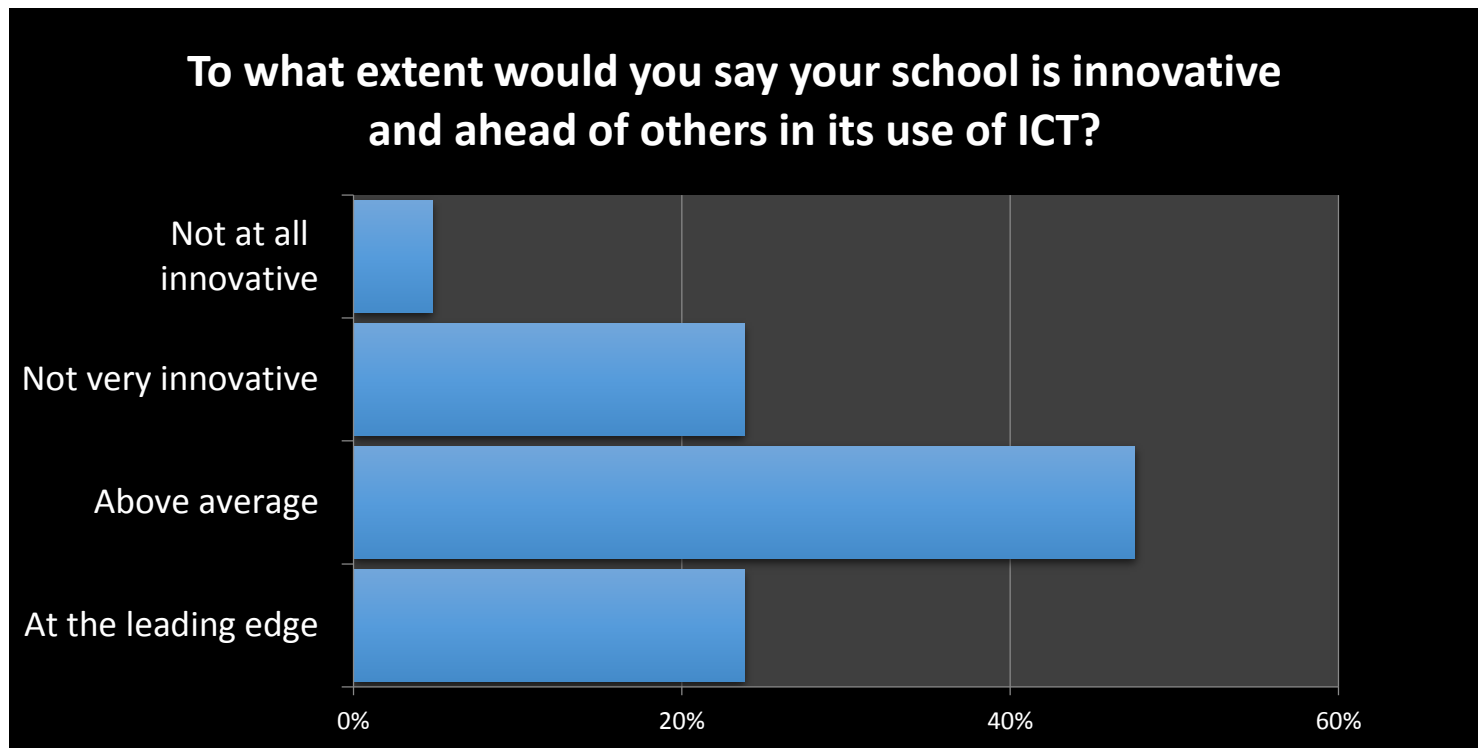
3: The project

Participants were invited to the project by Samsung, a university, academic research network, Coding Master programme

Value of the project

Very positive views! At least 78% agreeing or strongly agreeing

Participants have **shared experiences, recommend the project, and will use the approach in future.**

They considered that the project **led to pedagogical innovation** and **was useful to them and their school**

To what extent do you agree with the following statements?

Statement	
I have shared my experience with other teachers outside the project	
I would recommend the approach to other teachers	
I intend to use the approach again in the future	
The project led to pedagogical innovation	
The project was very useful for me and my school	

Legend: ■ Strongly Agree ■ Agree

Axis: 0% 20% 40% 60% 80% 100%

Usefulness

Everything! Especially workshops and Future Classroom Toolkit

The future classroom Toolkit could have a great impact in my school:i hope that my colleagues and my Headmaster will agree!
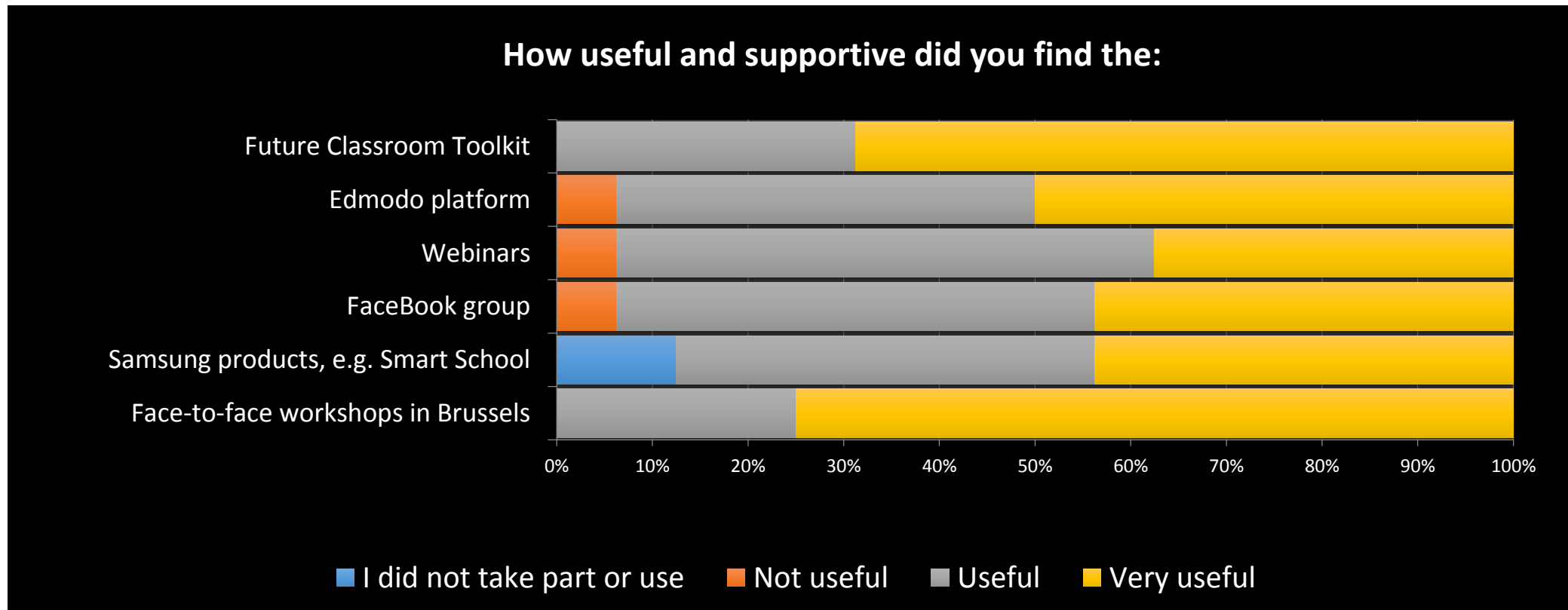
Main benefit?

1: Pedagogical innovation

New way of teaching and new tools and resources

Opportunity to change my education actions

2: Using technology

New methods of work, using ICT in the classroom

I am prepared for having tablets (preferably Samsung smart class) in lessons and I know how to use different online tools with students' own devices

3: Professional competence development

Improve my teaching skills. I learn how I can manage and use ICT and change my approach. The most important for me was the part of workshop about cooperation. We like a teachers think about cooperation in wrong way.

Holistic thinking about media and ICT literacy

Acquisition of digital skills

Learning about the Future Classroom Toolkit

4: Community of practice

*Experience exchange with others*

Sharing experiences with other teachers from other countries

Contact with other colleagues, other ideas and ways to work with students

Share the experience among teachers

Impact on teaching and teachers

Big impact: 88% said their pedagogical approach is now different

How different is your pedagogical approach now compared to before you joined the project?
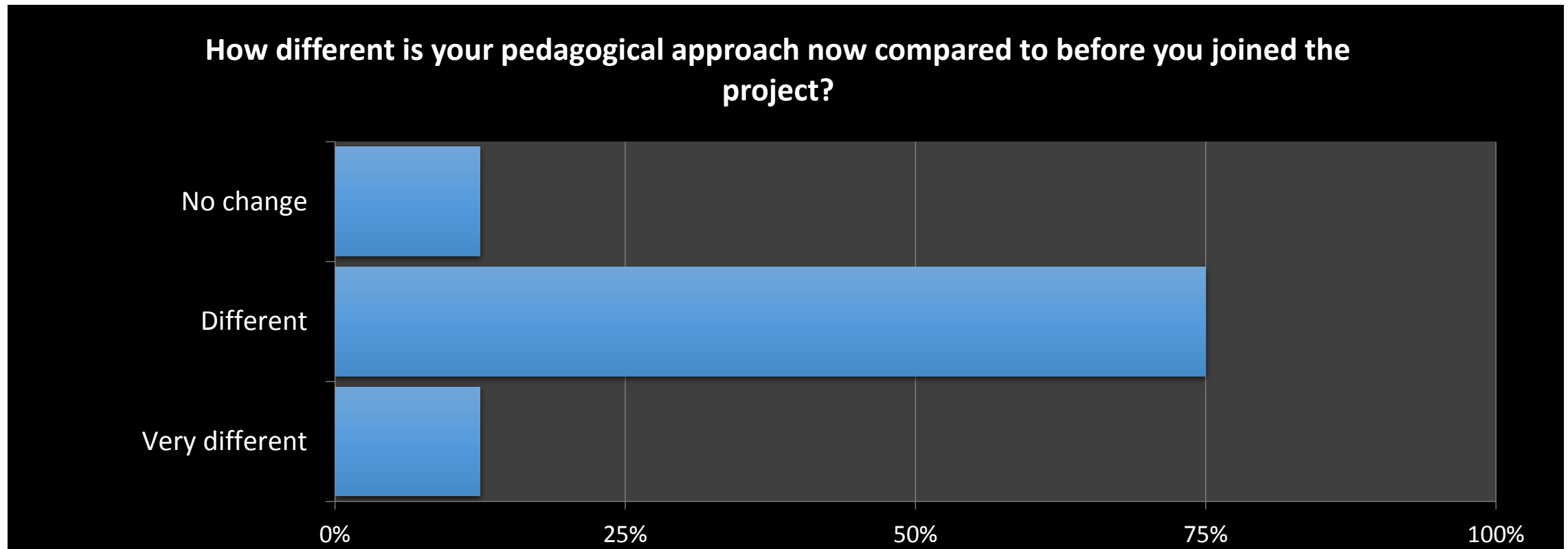
New tools used

30 different tools mentioned:

"Many many! It takes me too much time to write down them all."

Prezi, Evernote, Dropbox, Diigo, Snagit, Educanon, **Socrative**, Vimeo, Mindomo, bubbl.us, blendspace, **Kahoot**, Net Quizz, **TeamUp**, Augmented Reality, Quiz tools, **Edmodo**, Thinglink, App Inventor, InfuselLearning, Zondle, SmartSchool, StickyMoose, Plickers, TodaysMeet
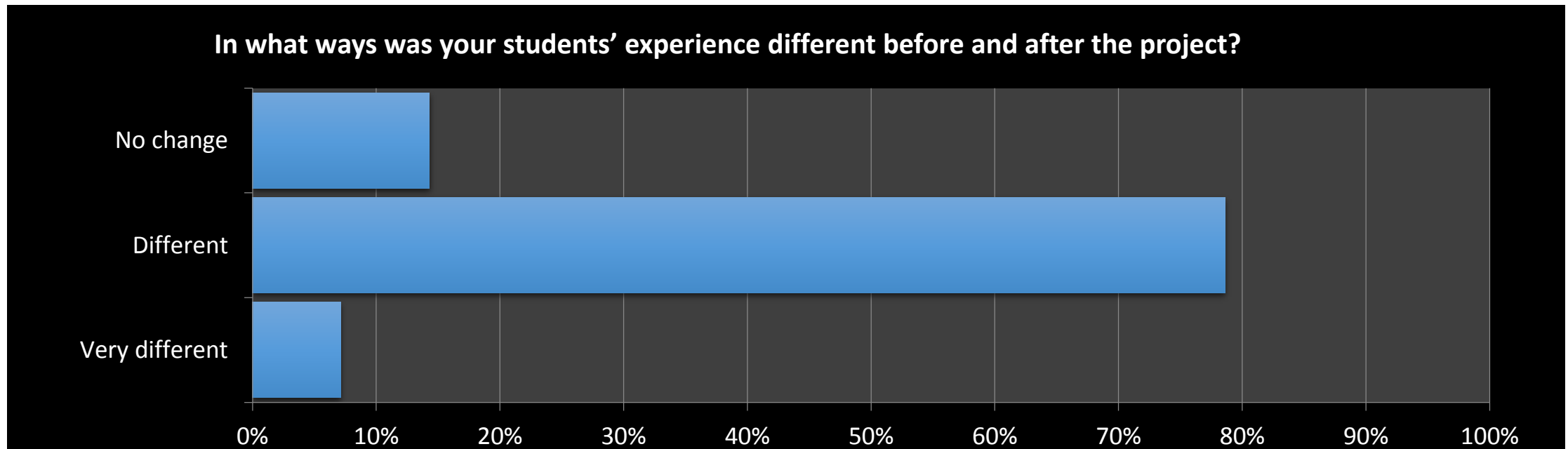
High impact on learners

87% agreed that attainment improved:

Their level of motivation is much higher
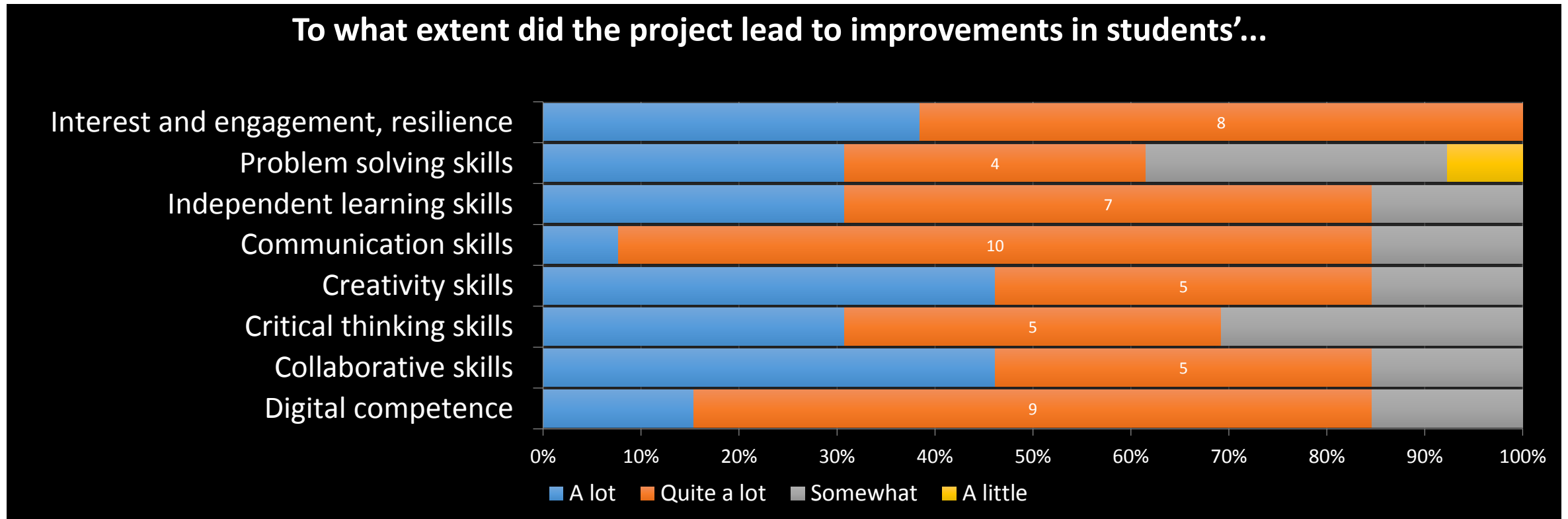
86% said students' experience was different:

They are much more engaged

My students can touch a new way of learning in group, with new application.

In what ways was your students' experience different before and after the project?

Category	Value
No change	~14%
Different	~78%
Very different	~7%

(Horizontal bar chart with x-axis from 0% to 100% in 10% increments)

Impact on transversal competences

Very positive: especially on **engagement**, but also on **communication** skills, **digital competence**. Also, but less, on **collaborative** and **creative** skills and **independent learning**. Less impact on **problem-solving** and **critical thinking** skills
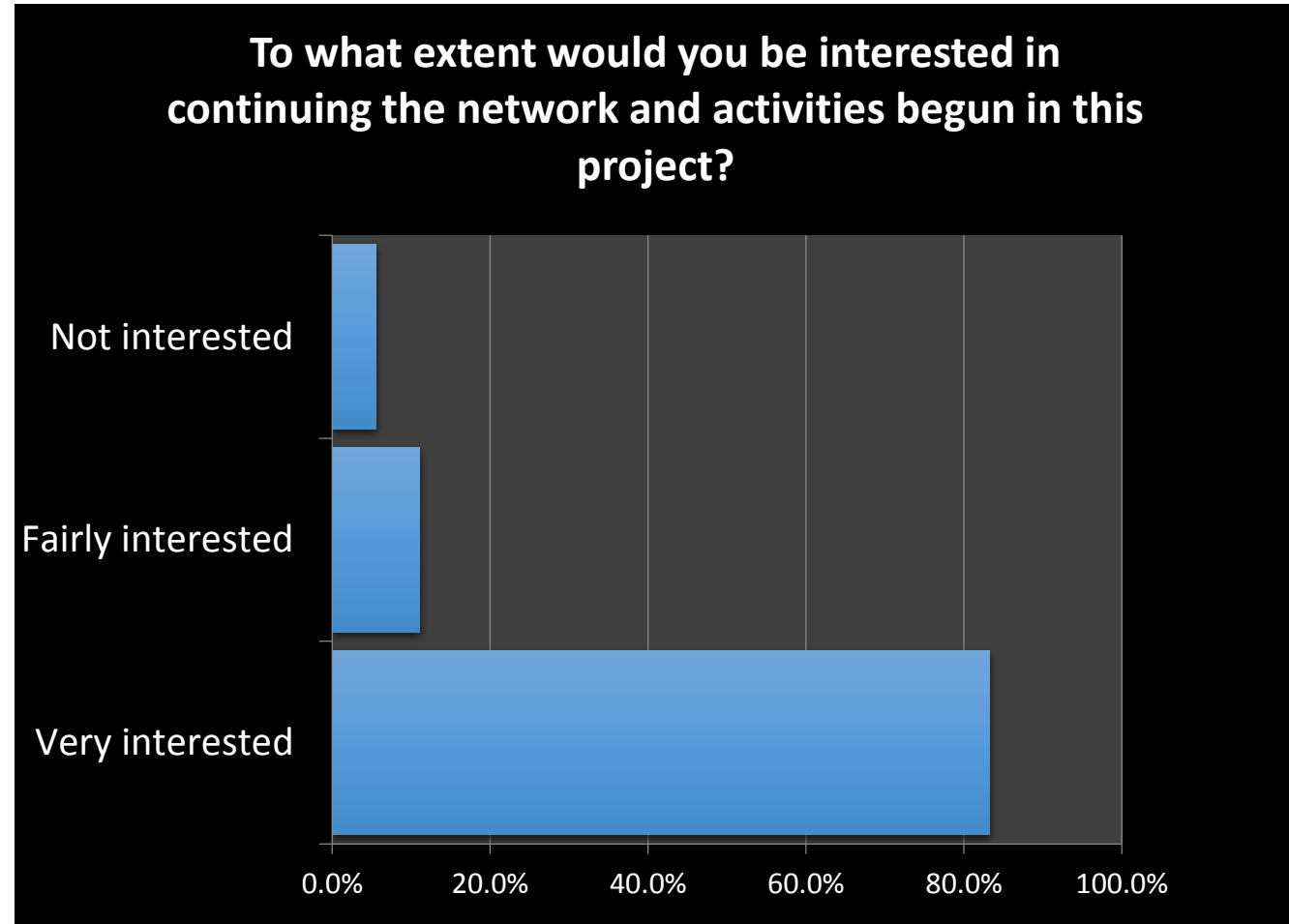

To what extent did the project lead to improvements in students'...

Legend: A lot (blue), Quite a lot (orange), Somewhat (grey), A little (yellow)

Obstacles

- **Technology***: Lack of tablets, connecting tablets to monitors; Samsung School wasn't functioning properly; links that you cant open in the tablets; Internet connection; Difficulty in working with Samsung Smart School*

- **Management of learning:** *keeping order with 30 children with tablets*

- **Language:** *problem with English and can't use English materials*

- **Time management** *between this project and the syllabus; Program started when we have plan about work of our school in these year; system of education in national level is not flexible, lack of time in regular timetable*

- **Architecture:** *New acts need new space*

- **Leadership, attitudes and skills:** *Headmaster who don't like huge changes; mindset of some teachers; Teachers do not have the necessary skills to use ICT in the classroom; teachers of different subjects don't collaborate; fear of change; not so many teachers in my school are ready to cooperate*

4: Looking ahead

Over 80% are very 'interested' to continue … but not everyone (e.g. family reasons)

To what extent would you be interested in continuing the network and activities begun in this project?

Future focus areas?

1. **Curriculum:** *Maths and science activities, Music activities, activities for higher grade students*

1. **Professional development:** *Webinars, MOOCs, workshops, local meetings; develop / share new digital skills: develop training materials, more about Samsung smart classroom - shared experience, smart solutions to non smart school*

2. **Sharing best practice, tools, activities;** *Concrete examples from successful classrooms; See how ICT is used in other countries; tools that promote exchanges between partners*

3. **Pedagogical innovation:** *Experimenting new edu/learning approaches, creating learning activities and learning stories*

4. **Hands on activities with new tools:** *tools that can be used in the engineering and computer science classes; interactive activities with the use of mobile devices; Use of educational apps, Edmodo and Facebook communication*

5. **Group work:** *on an interesting task, such as Lego challenge; work together in common projects; activities to teach (and learn myself) collaboration*

Reflections on the project

- *Thanks to everyone involved in this project. For me it was a very useful experience.*
- *It would be very important to **extend the program to the students and teachers of my school**, so that everybody could experience, learn and use these new skills in everyday teaching.*
- *Teachers need more technical support and what would improve the students' learning process would be **the presence of a Technology teacher in the classroom** in a regular basis.*
- *I would have liked there to have been **more sharing about experiences and activities***
- *The experience was really great and useful. Thanks to everyone involved in this project I started to expand my "vision" about technologies in education: more than "tools" to educate and learn, but **a really new way of thinking my whole action***
- *It's important to follow up the work so far.*
- *I would like to cooperate with Samsung in future too.*
- *Thank you for this brilliant opportunity to **visit FCL** twice!*
- *It was an amazing experience! **Perfect lead teachers, very useful tools, interesting activities***

Questions, comments, suggestions?

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