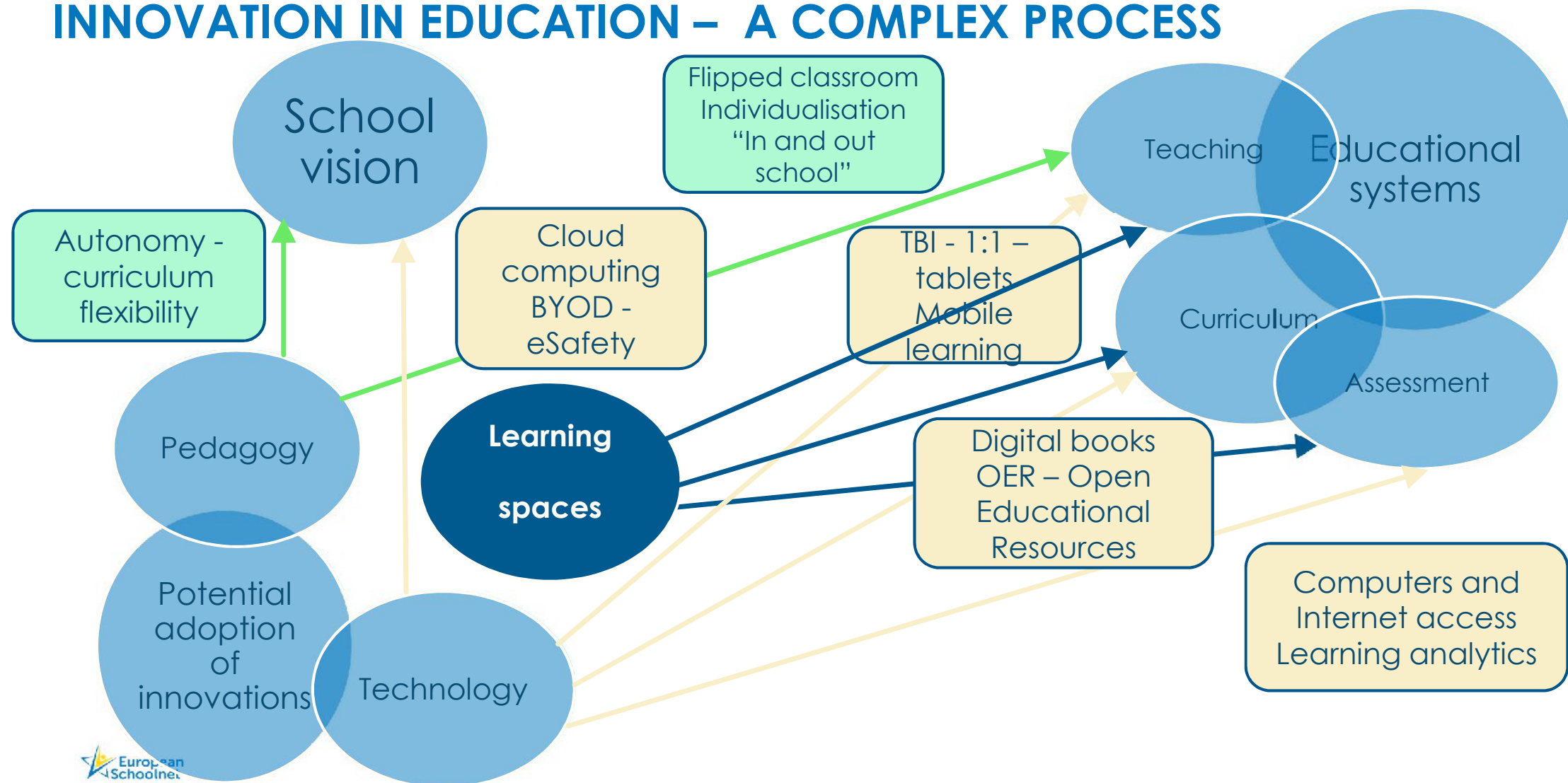


# EDUCATION IN THE DIGITAL ERA

INNOVATION IN EDUCATION – HOW ARE DIGITAL TECHNOLOGIES CONTRIBUTING ?

MARC DURANDO

# INNOVATION IN EDUCATION – A COMPLEX PROCESS



# A STILL CONSERVATIVE ASSESSMENT

Teachers encourage students to work together, to use technology, to be creative.



## Paradox

Students are expected to demonstrate what they have learned by sitting in a row and completing a summative assessment in isolation.



## PEDAGOGY AND TECHNOLOGY

If we define pedagogy properly and incorporate technology accordingly, learning will become simpler, deeper and more engaging

Never think about technology without considering the teachers  
Only teachers together with technology can make the difference

# WHAT IS EUROPEAN SCHOOLNET DOING?

**VISION:** Transforming Education in Europe.

**MISSION:** Support ministries of education, schools, teachers and relevant education stakeholders in Europe in the transformation of education processes for 21st century digitalized societies.

## AREAS OF WORK:



Providing concrete **evidence** and **data** in the area of innovation in education on which to base policy recommendations



**Supporting schools and teachers** in their teaching practices



Developing and sustaining a network of schools engaged in **innovative teaching and learning approaches**

# EVIDENCE-BASED ACTIVITIES



## Focus on specific topics and data

- European Schoolnet Perspectives series



## Browse ICT national developments

- Country reports on ICT in education



## Policy experiments

- MENTEP on teachers digital skills assessment
- CO-LAB on collaborative approaches
- TeachUp on online teacher training in new competences



## Working Groups

- Interactive Classroom
- Digital competence and citizenship
- Indicators in education
- STEM education

## Subcommittees

- Learning Resource Exchange
- Policy and Innovation – Study visit programme

# SUPPORT TO SCHOOLS AND TEACHERS

## School networking



The community for schools in Europe.  
The free and safe platform for teachers  
to connect, develop collaborative  
projects and share ideas in Europe.

**500K teachers – 2 million pupils**  
**182K schools – 61K projects**

[www.etwinning.net](http://www.etwinning.net)

## STEM (Science, Technology, Engineering and Maths)



Industry and Education come together  
to improve Science, Technology,  
Engineering and Mathematics in Europe.

[www.stemalliance.eu](http://www.stemalliance.eu)



The community for science educators in  
Europe

[www.scientix.eu](http://www.scientix.eu)

## Digital citizenship



To empower young people  
to use the internet safely

[www.betterinternetforkids.eu](http://www.betterinternetforkids.eu)

Better Internet for Kids







## Future Classroom Lab

Fully equipped, reconfigurable and inspirational learning environment, helping rethink the role of pedagogy and technology.

Explore the essential elements in delivering **21st century learning**: students' and teachers' **skills and roles**, **learning styles**, learning **environment design**, current and emerging **ICT solutions**, and **societal trends** affecting education.





# MOOCs for teachers by teachers

- The **European Schoolnet Academy** - a platform offering **free MOOCs for teachers** focusing on innovation in the school and classroom.

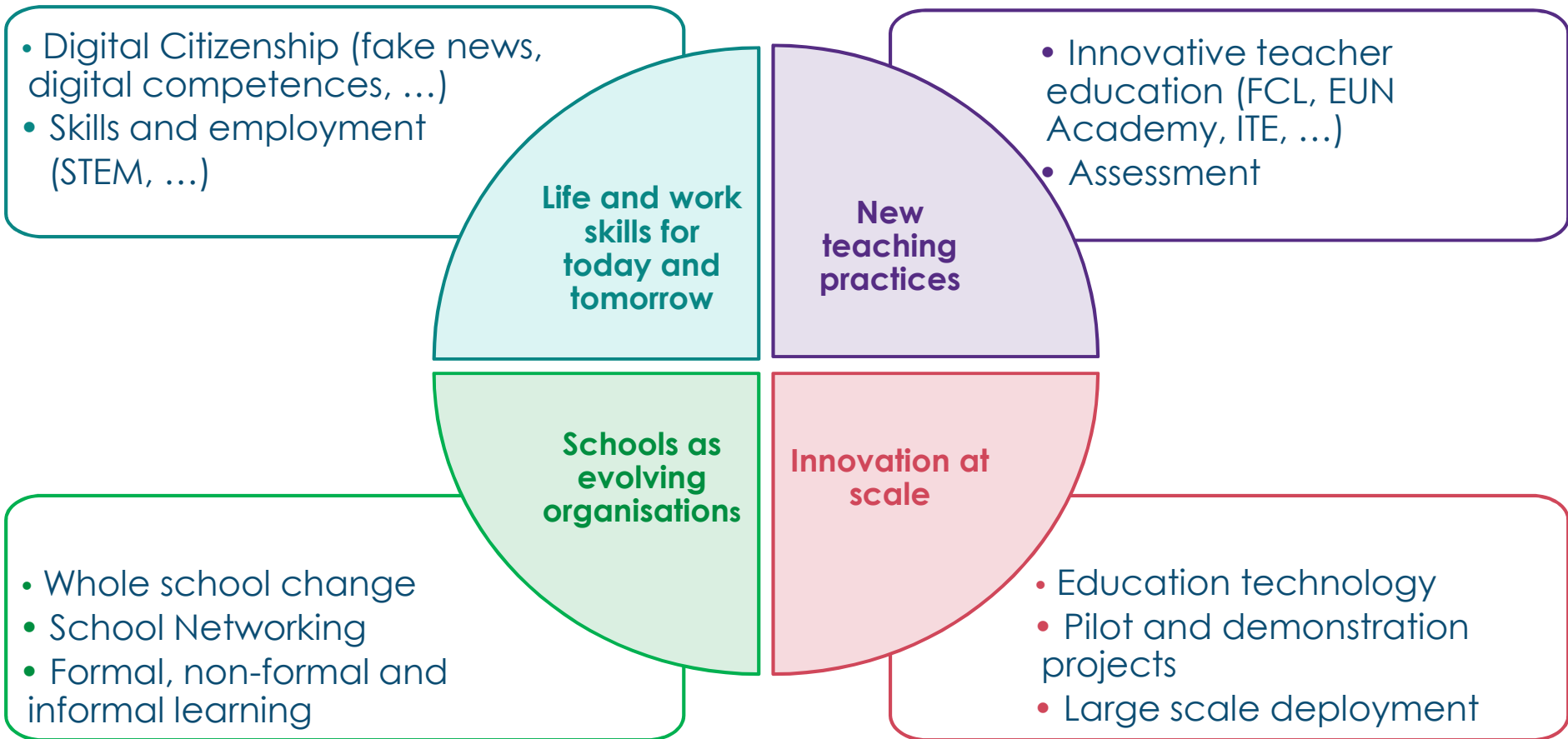
- [www.EuropeanSchoolnetAcademy.org](http://www.EuropeanSchoolnetAcademy.org)



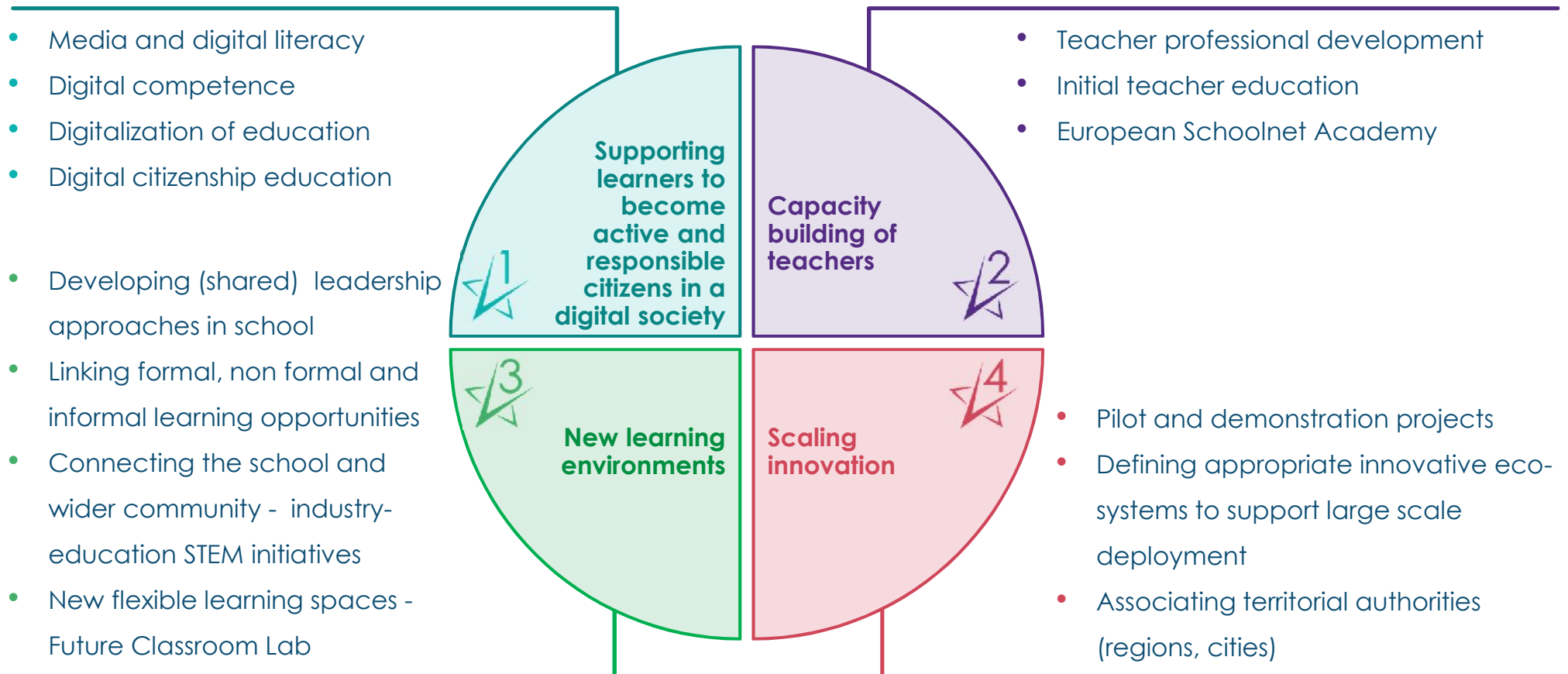
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#EUNAcademy

# 10 KEY AREAS OF EDUCATION



# FOUR PRIORITIES FOR EUROPEAN SCHOOLNET AND ITS MINISTRIES



# CONCLUSION

# DIGITAL TECHNOLOGY - OPPORTUNITY TO REVIEW PROFESSIONAL PRACTICES

Clear objectives to integrate the pedagogical use of ICT accompanied by training for all stakeholders

Embrace the digital transition as part of a whole school approach

Enlighten teaching practice with new insights from research

- Develop new assessment criteria

- Build trust at all levels

- Engage practitioners in a reflective process and in research

Increase the desire to learn

Rediscover the joy of teaching



[www.europeanschoolnet.org](http://www.europeanschoolnet.org)

