

What comes after LINKS?

How to improve STEM CPD in Europe?



Aim of the session

Use the innovative spirit of LINKS to create ideas for the further development of STEM CPD in Europe

Timetable

- 14:00-14:15 Brainstorming
- 14:15-14:30 Clustering the ideas
- 14:30-15:00 Discussion in clusters
- 15:00-15:15 Summarizing discussions
- 15:15-15:30 Voting, filling the recommendations

Brainstorming



Send all your ideas concerning the future of STEM CPD to the Flinga platform

- No filters required!

<https://flinga.fi/s/FXN7NNP>

Clustering break...

Group working

- 14:30-15:00 Discussion in clusters
- 15:00-15:15 Summarizing cluster discussions
- Instructions: Listen to your cluster host

LINKS - Visions, Plans and Inspirations

Sustainability

Our brightest visions

- 1) Building sustainable learning communities ->
- 2) Develop critical learners and practitioners

Potential projects and initiatives

- 1) Based on real-life issues/projects to provide understanding and reasoning behind topics
- 2) Provide teachers with opportunities to engage with industry and organisations

LINKS - Visions, Plans and Inspirations

Teacher education

Our brightest visions

1) Assure that all teachers of STEM have a subject-specific education!

Potential projects and initiatives

1) Mentor-peer (young teacher) co-training & tutor teachers

Different formats of CPD

Our brightest visions

- 1) Exchange programs
- 2) Developing common materials for a MOOC and online communities

Potential projects and initiatives

- 1) Create a STEM mother/father relationship first with industry partner and teacher. Initial conversations to develop relationship then develop partnership. When funding available visits/exchanges.
- 2) Jointly planned and facilitated online community MOOC. Community groups of participant interest. Guided team to keep it updated. Current research from interested teachers.

LINKS - Visions, Plans and Inspirations

Thinking bigger: Ideas beyond Europe

Our brightest visions

1) Common agenda – at international level longer visions not changed after governmental turns (EC, Unesco, some institutions with more power.)

Potential projects and initiatives

1) Development of international projects. Action research feat. Trust and mutual respect and themes relevant to students

2) “SDGs” more focused on STEM CPD goals/Concrete aspects and tools for intermediaries -> Strengthen impact of approaches like action research -> More space for this approach in international debates

Together we can do it, let's take the next steps!

Thanks!



Danke schön!

Merci!

Grazie!

Kiitos!