

New Innovation in Education

Web based collaboration for pupils, parents, teachers, researchers and other stakeholders

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Renewing learning and teaching - utilizing efficient systems and local understanding

- Education systems can only be renewed and improved by understanding the local context - the society where the learning, teaching and research are to be utilized
- The Finnish education system has benefited greatly from taking all the different stakeholders on board when planning and operationalizing educational reforms and institute based strategies
- We have developed in a large collaboration a method to use up-to-date digital systems to gather and elaborate on expert knowledge - and refine it into functionable solutions
- We propose a virtual web based brainstorming to make it possible for pupils, parents, teachers and other stakeholders to collaborate on finding the most effective ways to develop the current education system for the future needs.

Benefits

The key benefits of the Web Brainstorming are **speed and scalability**. To evaluate if the Web Brainstorming is a viable solution to your specific challenge, think about how much can you save in work time and increase involvement by being able to collect and analyze everyone's opinions to create a common view of X people in Y locations Z weeks faster?

Scalability

Everyone can be involved cost and time efficiently



Diversity

Stakeholders with different perspectives form a wiser crowd.

Sincerity

Anonymous participation and automated analysis minimizes bias.

Open brainstorming for collecting proposals - desk tops, tablets and other mobile

Evaluation and commentation of proposals - Why these items are important

Communication of results and action plans - what, who, when and how



Outcome:

Large amount of unfiltered and rich data

Outcome:

Sorted, classified and actionable results

Outcome:

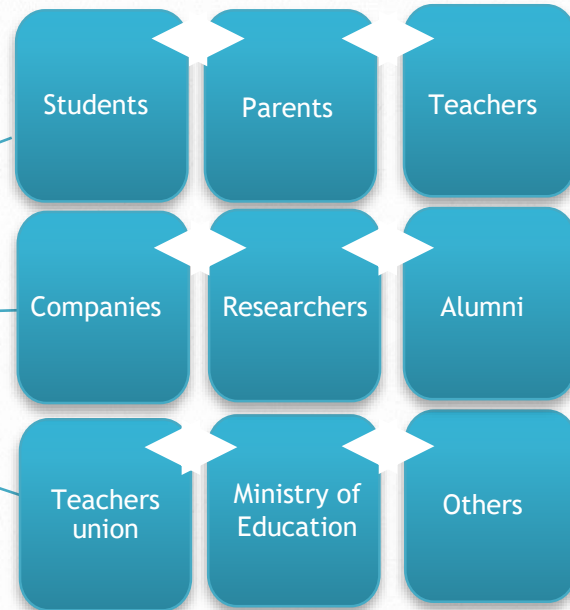
Better decisions and open and transparent operation

Utilize ideas and viewpoints to build Education Policy, Strategy and Influential Actions

Part of the success of Finnish education system is the continuous development and learning from all stakeholder groups.

Tailor-made strategy and change processes together with co-creational web brainstorming are our key areas of expertise.

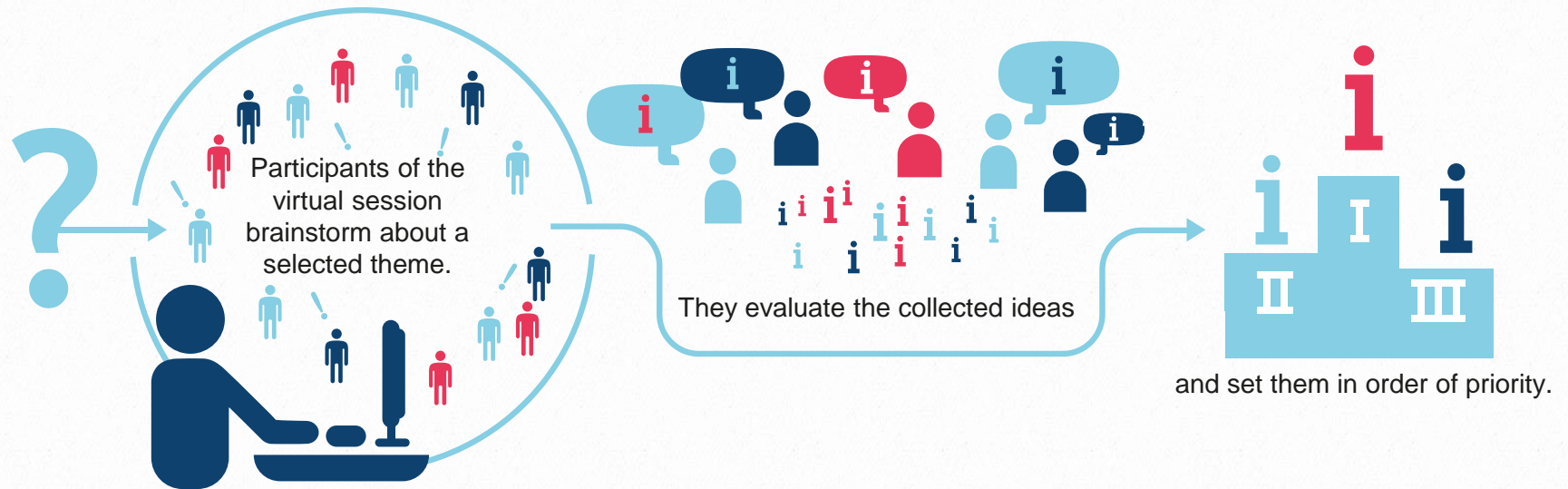
We propose a virtual web based brainstorming tool to gather and analyse views different perspectives.



How to find the best practices for all levels?



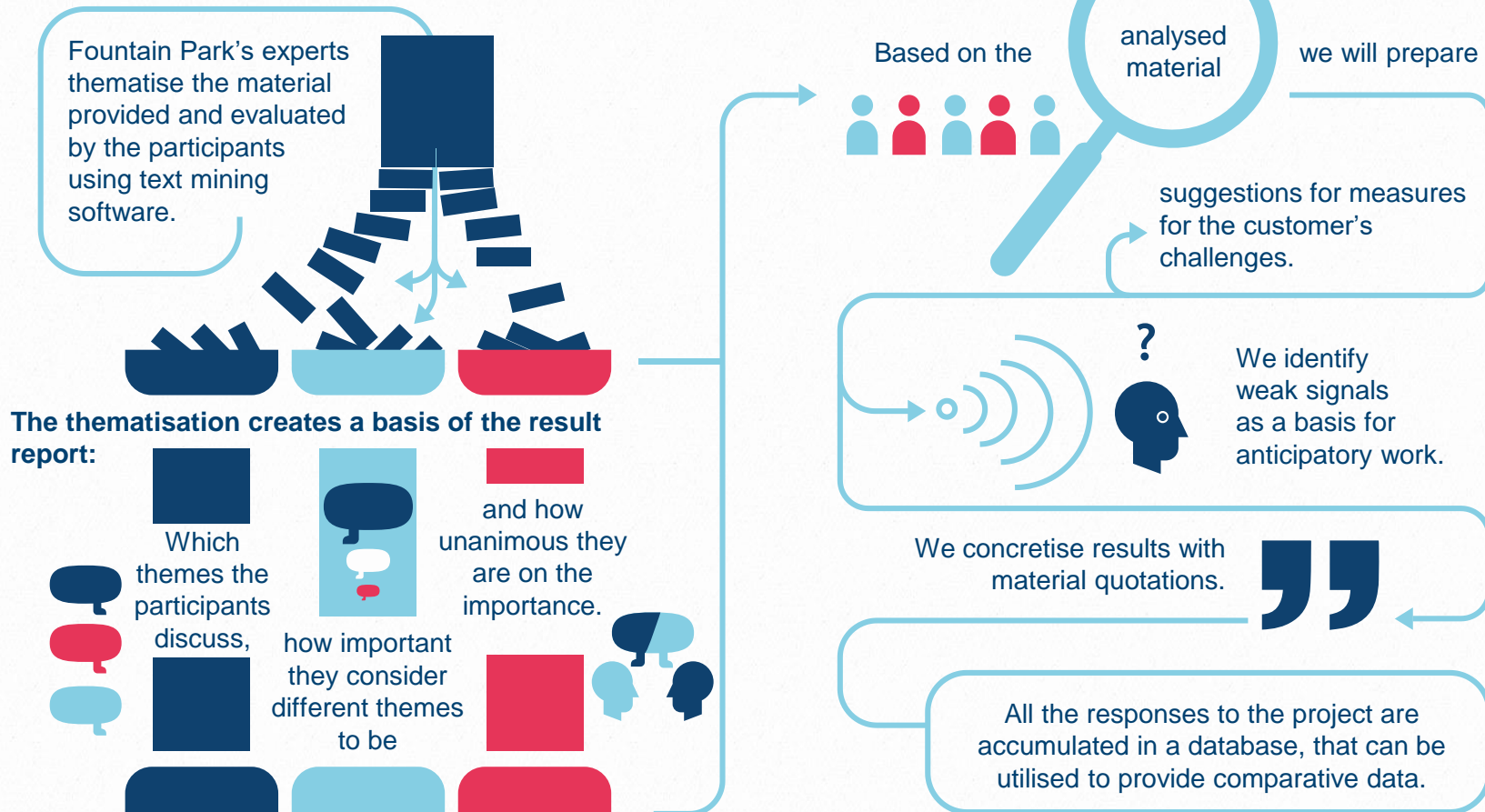
Virtual brainstorming



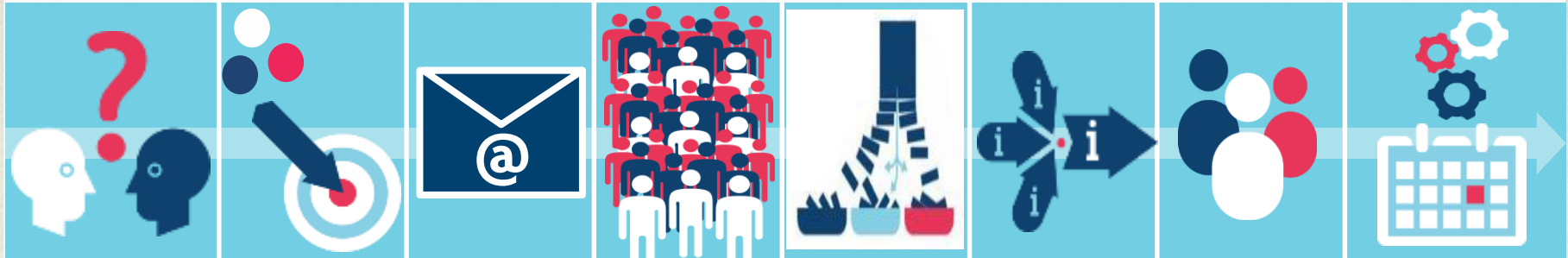
Benefits of the method:

- 1** Issues that the participants themselves consider important gain attention. 
- 2** The participants can make their voice heard in their own words.
- 3** There is open discussion about the ideas. 
- 4** Engagement, information acquisition and communication are done at the same time.

What is the outline of a virtual brainstorming?



Involving a wide range of participants into collaboration - an example of a process



Start-up workshop

- Goals
- Roles
- Schedules
- How to invite participants

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Proposal for the process

- Web based collaboration, structure, visual outlook

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Invitations

- Contents, rules, instructions

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Web Brainstorming®

- All stakeholders

Participants

Analysis

- Text mining
- Thematising
- Content analysis

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Reporting

- Results, visions, action plans

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Virtual WorkShop

- Local experts, teacher trainers
- Concrete actions

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Actions

- What, when and how to proceed

Customers



References

- Ministry of Education and Culture, Finland, 2016
 - Web brainstormings:
 - pupils needs and interests for extra curriculum activities, 120.000 participants
 - the vision for teacher competencies for future, almost 2000 participants
 - the strategy of the finnish international research and university training, still open
 - challenges and possibilities of the open science, still open
 - renewing vocational education for the future needs
 - renewing the financial quidelines for the universities of applied sciences
- Several Universities of Applied Sciences e.g.
 - Metropolia, clarifying the vision for the future, 2016
 - Haaga-Helia, creating a new service portfolio into market with the international partners network, 2016
 - LAMK, creating a new strategy with the local enterprise community, students, personnel and stakeholders, 2015