



PARTICIPATORY RESEARCH WITH CHILDREN: A PILOT WORKSHOP ON DISTRACTION IN MOBILITY


VÉRONIQUE RIZZI & MARIE EXCOFFON-GAGNOUD

PARTICIPATORY RESEARCH...

BUILD A DESIRABLE FUTURE &
MEET SOCIETAL CHALLENGES



PARTICIPATORY RESEARCH...



BUILD A DESIRABLE FUTURE &
MEET SOCIETAL CHALLENGES


Bridge the gap between research community and society

Hear new voices that challenge conventional approaches

Apply new methods to jointly develop innovative solutions

Promote creative learning through active contribution

PARTICIPATORY RESEARCH...



BUILD A DESIRABLE FUTURE &
MEET SOCIETAL CHALLENGES

Bridge the gap between research community and society

Hear new voices that challenge conventional approaches

Apply new methods to jointly develop innovative solutions

Promote creative learning through active contribution

INVOLVE SOCIETY **as** RESEARCHERS RATHER THAN MERELY SUBJECTS **in AND of** RESEARCH

... WITH CHILDREN

imagineo



CHILDREN are intuitive & divergent thinkers

CHILDREN are often overlooked

CHILDREN embody the future



... WITH CHILDREN

CHILDREN are intuitive & divergent thinkers

CHILDREN are often overlooked

CHILDREN embody the future

RAISE AWARENESS on a topic

AWAKEN INTEREST in science

EMPOWER THEM through participation



IMAGINEO'S APPROACH

EMPOWER CHILDREN

by enhancing their

CREATIVITY & INNOVATION SKILLS

and considering them as

AUTHORS OF SOCIETY



IMAGINEO'S APPROACH

EMPOWER CHILDREN

by enhancing their

CREATIVITY & INNOVATION SKILLS

and considering them as

AUTHORS OF SOCIETY

through DESIGN THINKING METHODOLOGY

through BOTTOM-UP PEDAGOGY

through COLLABORATION WITH STAKEHOLDERS



COLLABORATION IMAGINEO & IFSTTAR

imagineo



ENRICH THE SCIENTIFIC PROCESS

- look through children's unique lens
- get inspired by their creative & fresh ideas

EMPOWER CHILDREN

- stimulate their curiosity & critical thinking
- build empathy, confidence & trust
- develop collaboration & autonomy

COLLABORATION IMAGINEO & IFSTTAR

imagineo



ENRICH THE SCIENTIFIC PROCESS

- look through children's unique lens
- get inspired by their creative & fresh ideas

EMPOWER CHILDREN

- stimulate their curiosity & critical thinking
- build empathy, confidence & trust
- develop collaboration & autonomy

DEVELOP TOOLS & FORMATS for participatory research

FACILITATE the relation between researchers & children

SCIENCE-BASED CREATIVITY WORKSHOPS

FACILITATOR

- create a safe space
- follow Design Thinking methodology
- implement collective intelligence tools
- facilitate group process

CHILDREN

- reflect & exchange on the topic
- let ideas emerge & push them further
- imagine solutions together

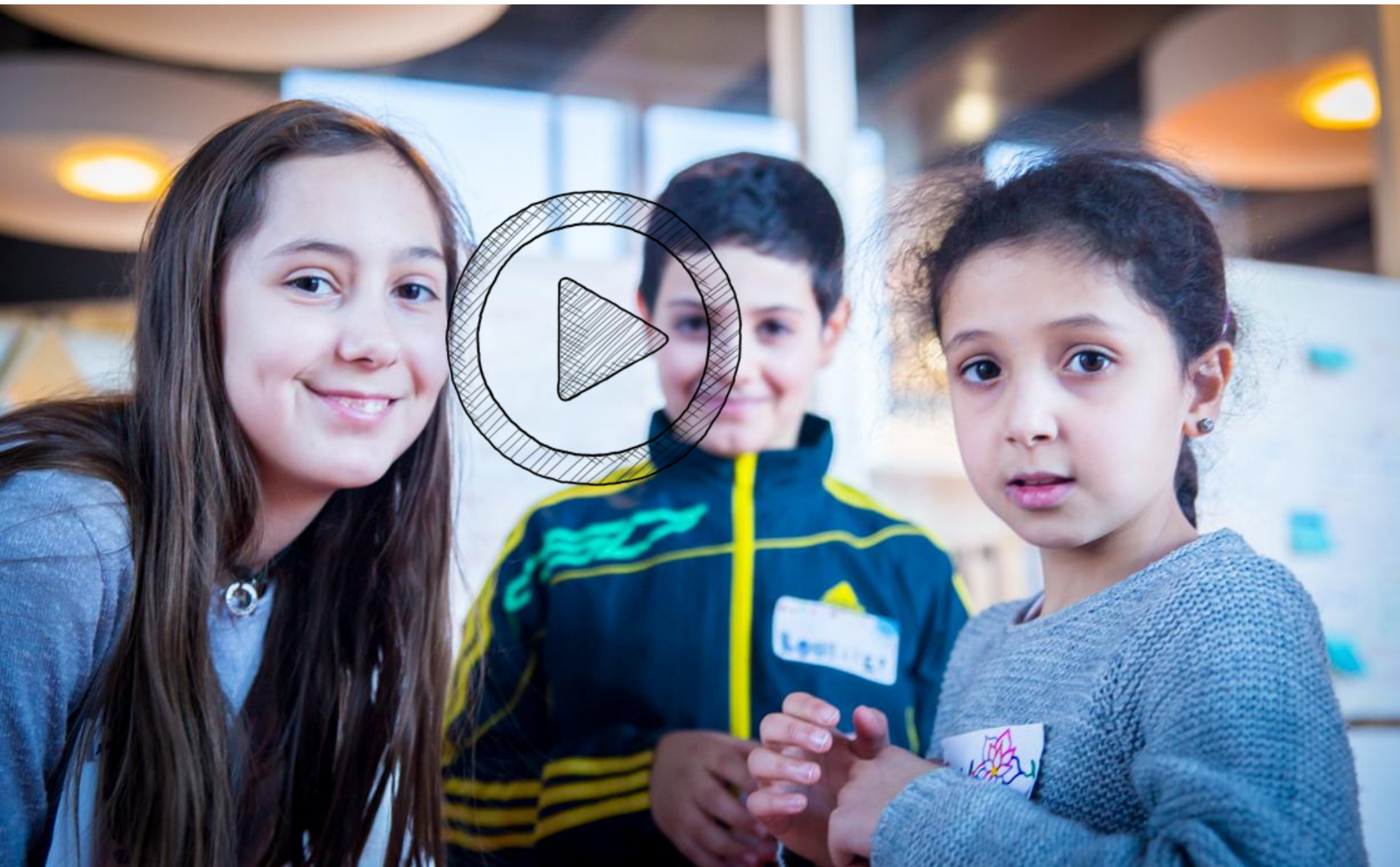
RESEARCHER

- embody research interest
- consider children as co-researchers



PILOT WORKSHOPS ON DISTRACTION IN MOBILITY

imagineo





RESEARCH

- New habits like Pokemon Go & Clash Royal
- Identified dual task motivations: children - boredom vs. adult - urgency
- Choice of working on countermeasure on phone use while driving
- Suggestions based on positive reward and advanced technology



CHILDREN

- Collection of distraction situations reveals perception of children
- Suggested countermeasures reveal the way they respond to identified challenges
- Development of critical thinking and awareness through active contribution
- Enthusiasm & eagerness to contribute



METHODOLOGY

- Playful discovery of a relevant subject
- Experience of children's self-expression as a source of information
- Outcomes not classically valid data but insightful & inspirational
- Ideation tools necessary to achieve expression of originality
- Difficulty to go deep in Design Thinking process in 3h workshop

CONCLUSIONS & OUTLOOK

imagineo



DESIGN THINKING AS A PROMISING TOOL TO EMPOWER CHILDREN &
TO ENRICH SCIENTIFIC PROCESS

CONCLUSIONS & OUTLOOK

DESIGN THINKING AS A PROMISING TOOL TO EMPOWER CHILDREN & TO ENRICH SCIENTIFIC PROCESS

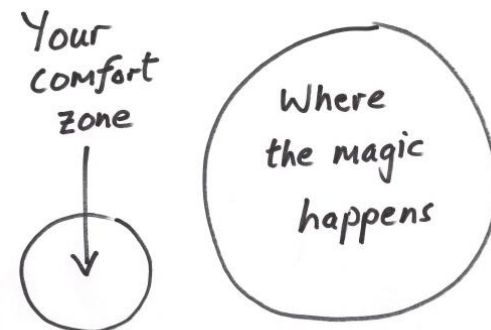
- Outcomes do not satisfy conventional quality criteria
- Researcher needs to experience the workshop
- Participatory research as a source of inspiration
- Benefits of Design Thinking: creative exploration, safe space for uncertainty

CONCLUSIONS & OUTLOOK

DESIGN THINKING AS A PROMISING TOOL TO EMPOWER CHILDREN & TO ENRICH SCIENTIFIC PROCESS

- Outcomes do not satisfy conventional quality criteria
- Researcher needs to experience the workshop
- Participatory research as a source of inspiration
- Benefits of Design Thinking: creative exploration, safe space for uncertainty

- Potential of longer formats vs. one-time-only workshops
- Integration of participatory research in scientific process
- Motivation of researchers to step out of their comfort zone



THANK YOU.

THE IFSTTAR TEAM:

SOIZICK DE BAGNEAUX

CORINNE BRUSQUE

CHRISTOPHE JALLAIS

SOPHIE JEANNIN

THE IMAGINEO TEAM:

CLARISSE CHERVET

FLORIAN RONY

TIME FOR QUESTIONS...

VÉRONIQUE RIZZI

veronique.rizzi@imagineo.org

MARIE EXCOFFON-GAGNOUD

marie.gagnoud@ifsttar.fr

