0 **Your DIY badge for the sessions**

Research profiles: choose, cut and paste (3 maximum, those that best define you)

Name / Alias: _____

Twitter: _____

Instagram: _____

[profile sticker #1]

[profile sticker #2]

[profile sticker #3]

Put it visible if you do not want to be photographed

Step 0: Cut out this piece of paper to assemble your accreditation for the co-design sessions. Add your personal and contact information, and then choose three adjectives that characterize you as a researcher. Cut them and get them by order of major importance on your badge.

Think about your way of being, facing problems and the role you can contribute from according to your training and interests. In case you do not find any that fit with you, or you want to add some new ones, you can write them directly. Customize it and go!

Experimenter

Techie

Intuitive

Feminist

Activist

Curious

Qualitative

Quantitative

Communicator

Observer

Explorer

Artistic

Organizer

Analyst

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

ColMeth: Collaborative Research Toolkit – Step A: Problems and concerns

Date __/__/__ **Project** _____

1 **Brainstorm on issues and topics**

2 **Selection of problems, comparing them using each thermometer. To raise or lower a position, concerns should be argued every time :)**

Paste your postits below

Our concern is that...]

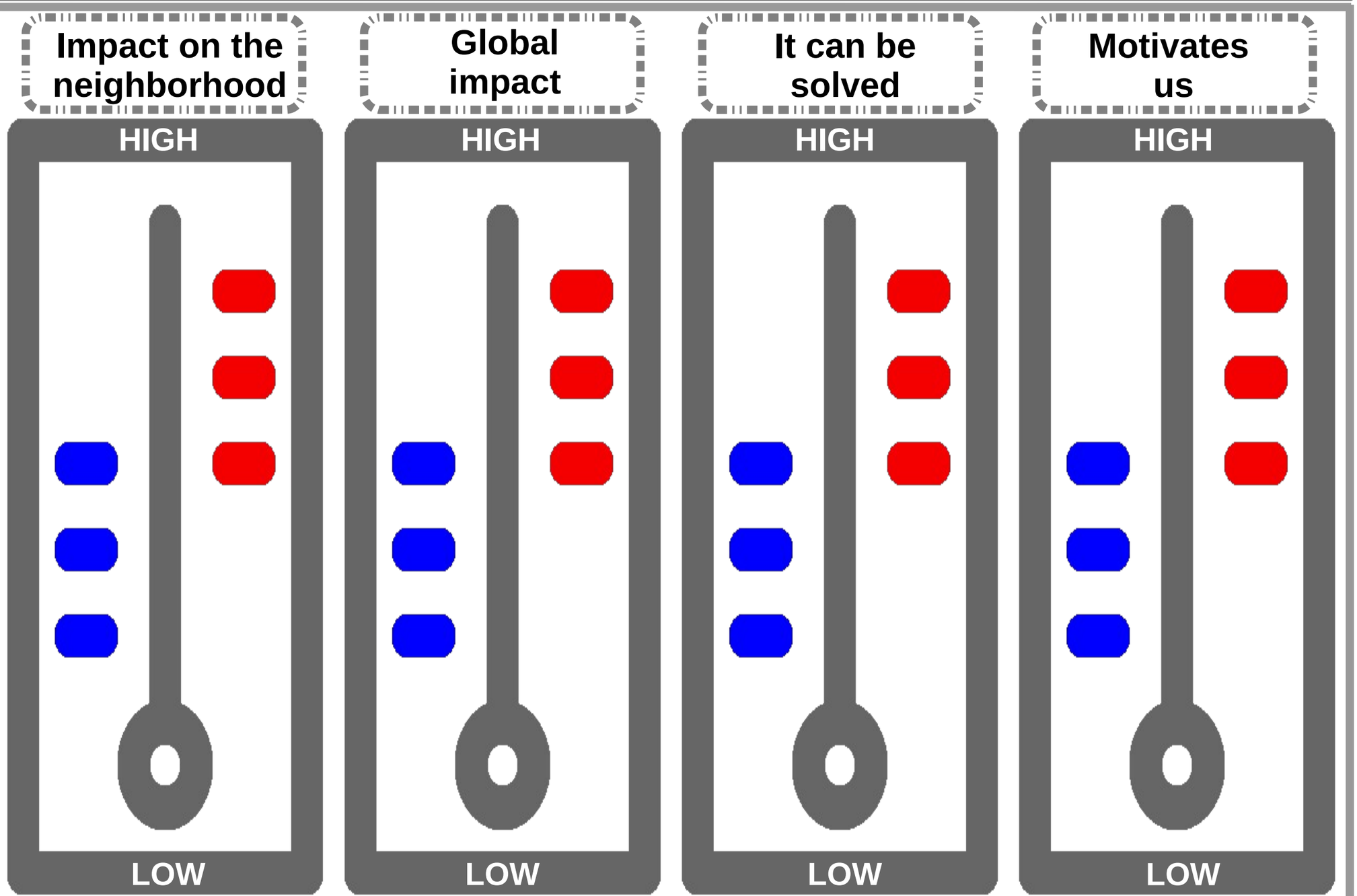
Our concern is that...]

Our concern is that...]

Our concern is that...]

Our concern is that...]

Our concern is that...]



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

3 **The selected issue or concern is:** _____

4 **Build together 3 different types of questions on the subject (each participant add a postit minimum)**				**5** **Votes:**
DESCRIPTIVE QUESTION (Select a beginning) ☐ What...? ☐ How....? ☐ How often...? ☐ What percentage...? ☐ What proportion...? ☐ How far...? ☐ What value...?	[2nd part of the question]	[+ details of the question]	[+ details of the question]	
RELATIONAL QUESTION (Select a beginning) ☐What is the relationship between...? ☐What is the effect of...?	[Element to relate #1]	[Element to relate #2]	[+ details of the question]	
OPEN QUESTION (Select a model from the options above) ☐...	[2nd part of the question]	[2RD part of the question]	[+ details of the question]	

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

ColMeth: Collaborative Research Toolkit – Step C: Conceptual map

Date __/__/__ Project _____

6 Process scheme as an action diagram, specifying each step and component

[timeline]

This phase is for reflecting how the data collection process will be. Think first of all the key elements to include ... Variables, units of analysis, people or groups (you can select them from the icon sheet). First select everything that you think is necessary, discuss it and then organize it in a temporary order (from left to right). It will be the sequence to follow to carry out the research!

Components

Key concepts

Questions

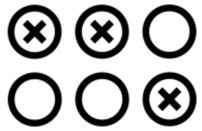
Personas

Methods

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

METHODS FOR THE XPERIMENT (select a bunch of them)

Meth Survey



Who: _____
With: _____

Meth Stats

Who: _____
With: _____

Meth Interview

Who: _____
With: _____

Meth Comparison

Who: _____
With: _____

Meth Observation

Who: _____
With: _____

Meth Collected data

Who: _____
With: _____

Meth Maps

Who: _____
With: _____

Meth Dilemma game

Who: _____
With: _____

Meth Digital interface

Who: _____
With: _____

Meth Improvement proposals

Who: _____
With: _____

Meth Data analysis

Who: _____
With: _____

Meth Field notes

Who: _____
With: _____

LOGISTIC TASKS (some of them are essential)

Logo project

Who: _____

Slogan

Who: _____

Dissemination

Who: _____

Artistic assembly

Who: _____

Experiment protocols

Who: _____

Communication of results

Who: _____

Experiment narrative

Who: _____

Permits for public space

Who: _____

Neighborhood shops

Who: _____

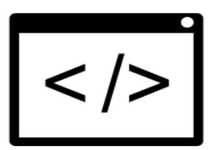
Location of experiment space

Who: _____

Organisations / collectives

Who: _____

Programming and code



Who: _____

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

KEY PEOPLE / ROLES TO CONTACT

Mentor

Contact: _____

Officer

Contact: _____

Social worker

Contact: _____

Neighbor

Contact: _____

Policeman

Contact: _____

_____

Contact: _____

Mayor

Contact: _____

_____

Contact: _____

KEY CONCEPTS FOR THE EXPERIMENT

Vulnerability

What's this: _____
Afects: _____

Trust

What's this_____
Afects: _____

Sense of justice

What's this_____
Afects: _____

Self esteem

What's this_____
Afects: _____

Optimism

What's this_____
Afects: _____

Solidarity

What's this_____
Afects: _____

_____

What's this_____
Afects: _____

_____

What's this_____
Afects: _____

RELATED SOCIAL GROUPS

Family

Where: _____
Why: _ _ _____

Mono-parental family

Where: _____
Why: _ _ _____

Civic centre

Where: _____
Why: _ _ _____

Couples

Where: _____
Why: _ _ _____

Elderly

Where: _____
Why: _ _ _____

Youth

Where: _____
Why: _ _ _____

Neighbors

Where: _____
Why: _____

_____

Where: _____
Why: _ _ _____

STEM FOR YOUTH
ENJOY. SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS.
OpenSystems
UNIVERSITAT DE BARCELONA
DIMMONS Digital Commons Research Group
UOC R&I IN3 Internet Interdisciplinary Institute
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

ColMeth: Collaborative Research Toolkit – Step D: Planning and development

Date __/__/__ **Project** _____

7 Prioritized list of research tasks (according to categories from previous step)

8 Regular follow up of tasks

Logistics & plan	**Comm. & design**	**Protocol & data**	**Analysis of results**	**In process...**	**...& done! :)**
Permits, choice of space, groups, etc.	Participants recruitment, decoration, logo, etc.	Linked survey, interface steps, roles, etc.	Final report, media outreach, presentation, etc.	Only what is being done now.	Move tasks here when they are completed.

At this stage it is necessary to define who will be in charge of tasks such as preparing the protocol of the experiment, disseminating the call, designing the space and interface, collecting data, analyzing them, communicating them, etc. Using as base the selected diagram (Step C) first locate the tasks identified on the corresponding column, specifying who will do it. Then align the cards of each column in order of priority, and move them to the columns on the right as they are completed and finalized.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

! Sequence of use of this material

Missing in this version a detailed user guide (currently under development) this table reflects the different steps covered by each stage of the toolkit.

(Divergence phases)	>	(Convergence phases)
Step A: Problems and concerns		
Presentation + Accreditation of participants according to interests and profiles		
Brainstorm on issues of concern at the local level	>	Grouping, discussion and selection based on concept thermometers (social impact, viability, motivation)
Step B: Generating research questions		
Structured formulation of questions according to models: descriptive, comparative or relationship	>	Selection by subgroups according to votes, discussion and grouping of questions
Step C: Conceptual diagram of the experiment		
Prototyping / timing of steps in the experiment: key concepts, temporal development and methods to be used	>	Presentation by each group and discussion prior to individual voting
Step D: Scheduling and logistics		
Brainstorm about logistical tasks, dissemination and definition of the experiment	>	Common discussion and further processing to perform the experiment
Subsequent stages: Assignment of tasks by groups > Production of digital tool and experiment setting > Data collection > Analysis of results > Dissemination and academic publication.		

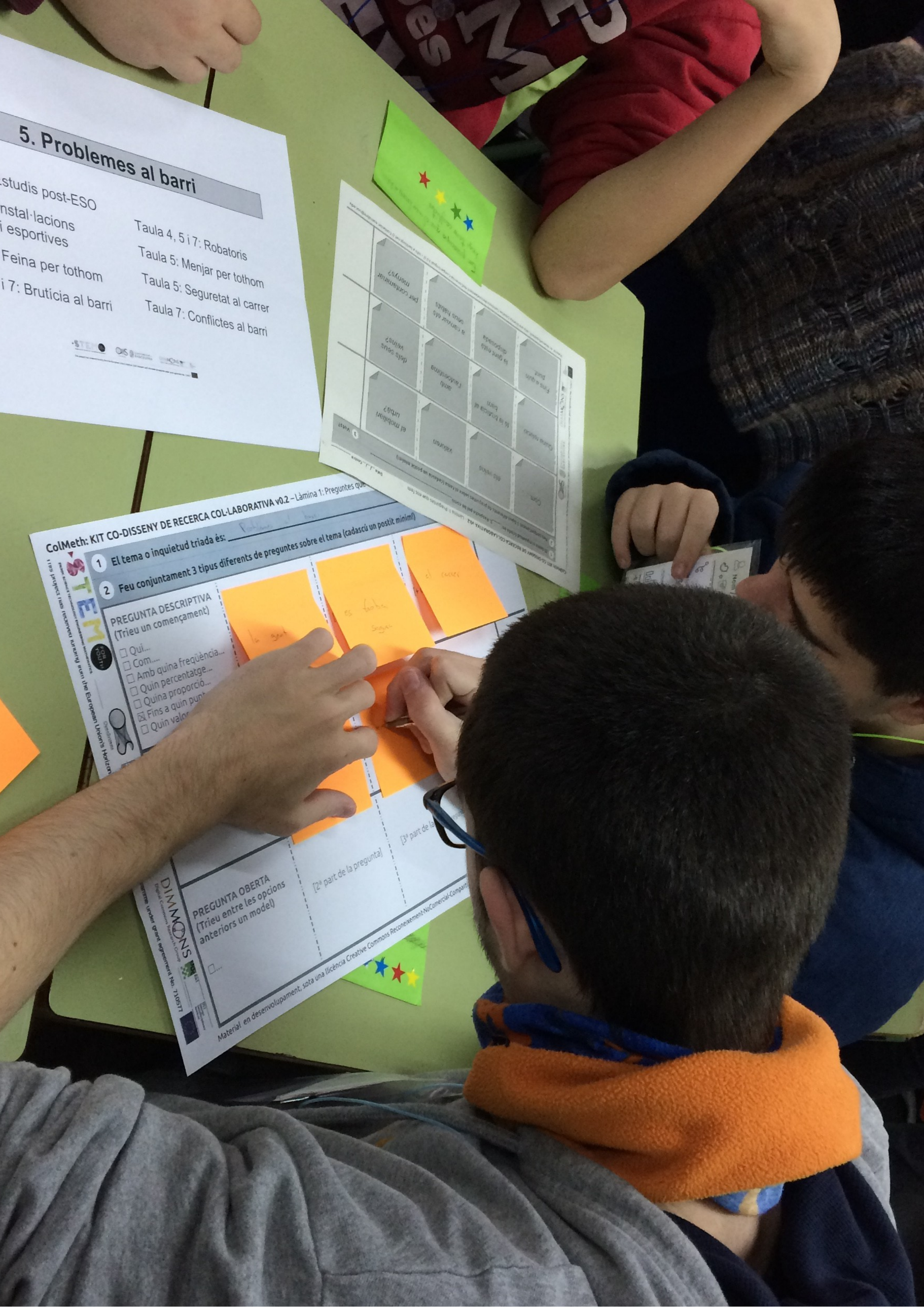
+ Acknowledgements

This version of the ColMeth toolkit has been made possible thanks to the collaboration with the scientific team of OpenSystemsBarcelona (Josep Perelló, Isabel Bonhoure, Anna Cigarini, Enric Sanmartí) as well as my colleagues at Dimmons Natalia Rodríguez and Mayo Fuster. Also the involvement and collaboration of students and tutors of each group of students, the Enric Borràs scondary school in Badalona, Sant Gabriel in Viladecans and Jesuïes de Casp in Barcelona.

Icon autors (source: thenounproject.com)
Celina Chang, Thomas Le Bas, corpus delicti, Rihards Gromuls, Isabel Foo, Alezander Gruzdev, Ralph Schmitzeb, Piola, Creative Stall, Thomas Hirter, Shmidt Sergey, Stock Image Folio, Bernar Novalyi, Arthur Shlain, Vasil Enchev, Liang Shi, Icon Fair, Magicon, Viktor Vorobyev, Eynav Raphael, Oliviu Stoian, art shop, Gregor Cresnar, Nicholas Menghini, bezier master, Josie Schultz, Douglas Santos, Kaplan, Milky, Remco Homberg, Jose Moya, Iudovic gicqueau, shashank singh, Daniela Baptista, Mauricio O'Brien.

Material under development, with an Attribution-NonCommercial-ShareAlike 3.0 license // + info at backlogs.net // Contact: esenabre@uoc.edu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 710577


5. Problemes al barri
Taula 4, 5 i 7: Robatoris
Taula 5: Menjar per tothom
Taula 5: Seguretat al carrer
Taula 7: Conflictes al barri
ColMeth: KIT CO-DISSENY DE RECERCA COL·LABORATIVA v0.2 – Làmina 1: Preguntes que
1 El tema o inquietud triada és:
2 Feu conjuntament 3 tipus diferents de preguntes sobre el tema (cadascú un postit mínim!)
PREGUNTA DESCRIPTIVA
(Trieu un començament)
Qui...
Com...
Amb quina freqüència...
Quin percentatge...
Quina proporció...
Fins a quin punt
PREGUNTA OBERTA
(Trieu entre les opcions anteriors un model)
[2ª part de la pregunta]
Material en desenvolupament, sota una llicència Creative Commons Reconeixement-NoComercial-Compart
DIMMONS

CoMetA:KIT CO-DISSENY DE RECERCA COL·LABORATIVA
3 Esquema del procés amb un diagrama d'accés especificant cada
Compartirigual 3.0 // + info a backlogs.net // Contacte: es

Quin percentatge de la població de Viladecans utilitza els espais públics? De quina manera s'utilitzen? Per qui?

Quin és el grau de satisfacció dels habitants de Viladecans amb els seus espais públics?

Satisfacció
Què és:
Afecta:

Valor
Què és:
Afecta:

Cohesió social
Què és:
Afecta:

Meth Interficie digital
Qui:
Amb:

Meth Enquesta
Qui:
Amb:

Meth Mapes
Qui:
Amb:

Meth Joc – Dilema social
Qui:
Amb:

Meth Anàlisi dades
Qui:
Amb:

Meth Gràfiques
Qui:
Amb:

Programació i codi
Qui: IZAN

Promoció
Qui:

Localització espai de l'experiment
Qui:

Permisos espai públic
Qui:

Muntatge artístic
Qui:

Comunicació resultats
Qui:

Espai públic
On:
Perquè:

Barcelona
On: Viladecans
Perquè:

Policia
Contacte:

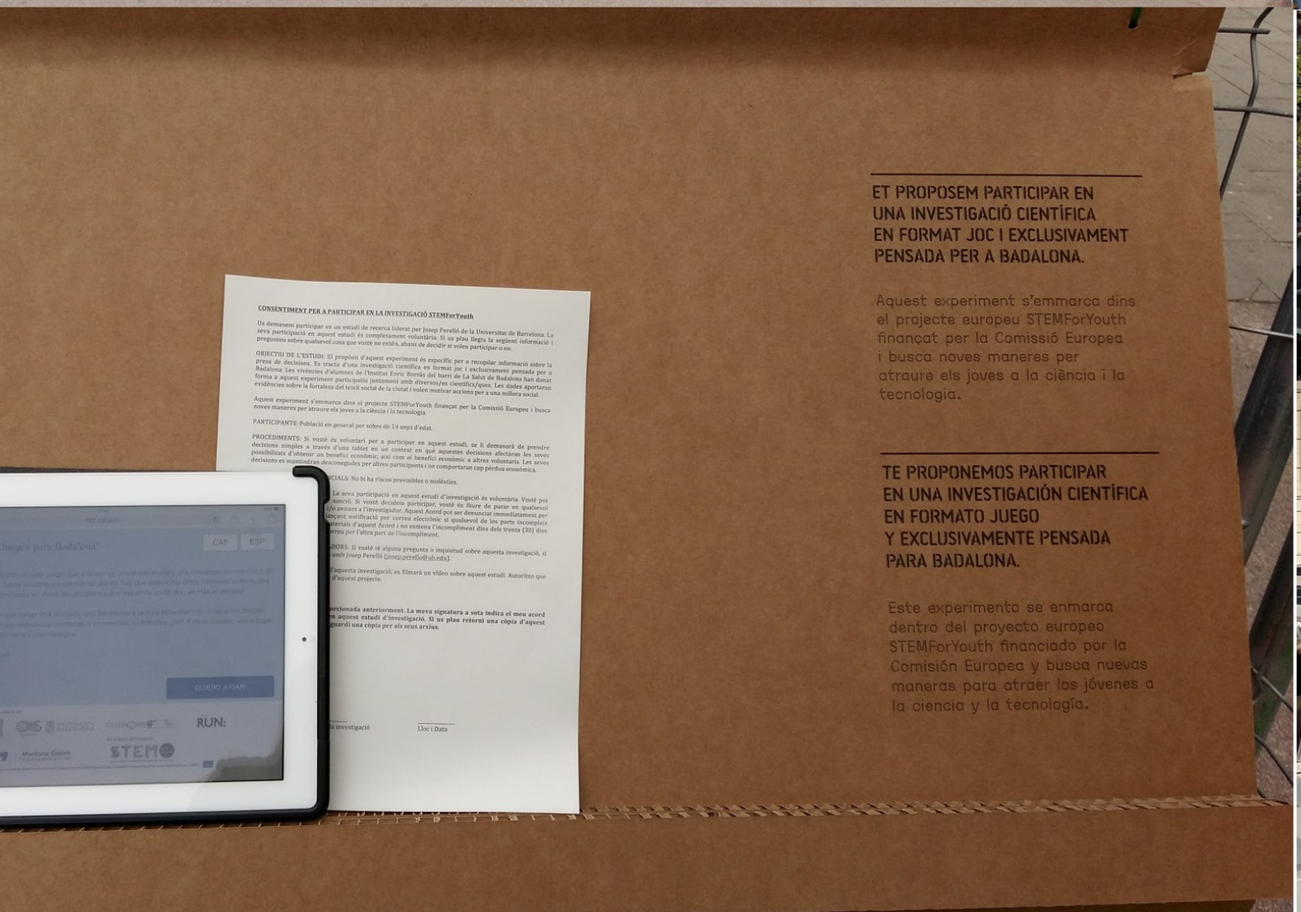
Regidor
Contacte:

[línia de temps]

BFV - BMV
PROMOCIÓ I IMPLICACIÓ
INFO. SOCIO DEMOGRÀFICA
EXPERIMENT EN FORMA DE JOC
TRACTAMENT DE DADES
DIFUSIÓ RESULTATS

S
T
E
M
EXPERIMENT CIENTÍFIC
CUREM-NOS LES MANS
STEM

L'EXPERIMENT ES UNA CO-CREACIÓ DE:
OpenSystems
INSTITUT ENRIC BORRÀS
DIMMONS
Digital Commons Research Group
R&I
IN3
Internet Interdisciplinary Institute
AMB EL SUPORT DE:
mtn
www.mentanscolorib.com
EN EL MARC DEL PROJECTE:
STEM FOR YOUTH


ET PROPOSEM PARTICIPAR EN UNA INVESTIGACIÓ CIENTÍFICA EN FORMAT JOC I EXCLUSIVAMENT PENSADA PER A BADALONA.
Aquest experiment s'emmarca dins el projecte europeu STEMForYouth finançat per la Comissió Europea i busca noves maneres per atraure els joves a la ciència i la tecnologia.
TE PROPONEMOS PARTICIPAR EN UNA INVESTIGACIÓN CIENTÍFICA EN FORMATO JUEGO Y EXCLUSIVAMENTE PENSADA PARA BADALONA.
Este experimento se enmarca dentro del proyecto europeo STEMForYouth financiado por la Comisión Europea y busca nuevas maneras para atraer los jóvenes a la ciencia y la tecnología.
CONSENTIMENT PER A PARTICIPAR EN LA INVESTIGACIÓ STEMForYouth
CAT
ESP
RUN:
QUIERO JUGAR!

LA RAMBLA MANA!
#CIENCIAALCARRER
STEM