

Citizen Science Workshop

Citizen Science Single Point of Contact
How to nurture a Citizen Science Community

HES SO
May 8th, 2023. Lausanne

Citizen Science

Who's here? / Qui est là?

Qui es-tu? Qui suis-je?

Pourquoi sommes-nous ici?

Qu'espérez-vous apprendre aujourd'hui?

Workshop programme

15:30 - Opening and agenda

15:45 - The recommendation for a Citizen Science single point of contact (citizen science hub)

16:10 - Introducing the second part: Building Communities of Practice: an essential element to bring citizen science at your institution

16:25 - Short break

16:30 - Breakout Session: Citizen Science Communities: what it means for your institution to nurture them?

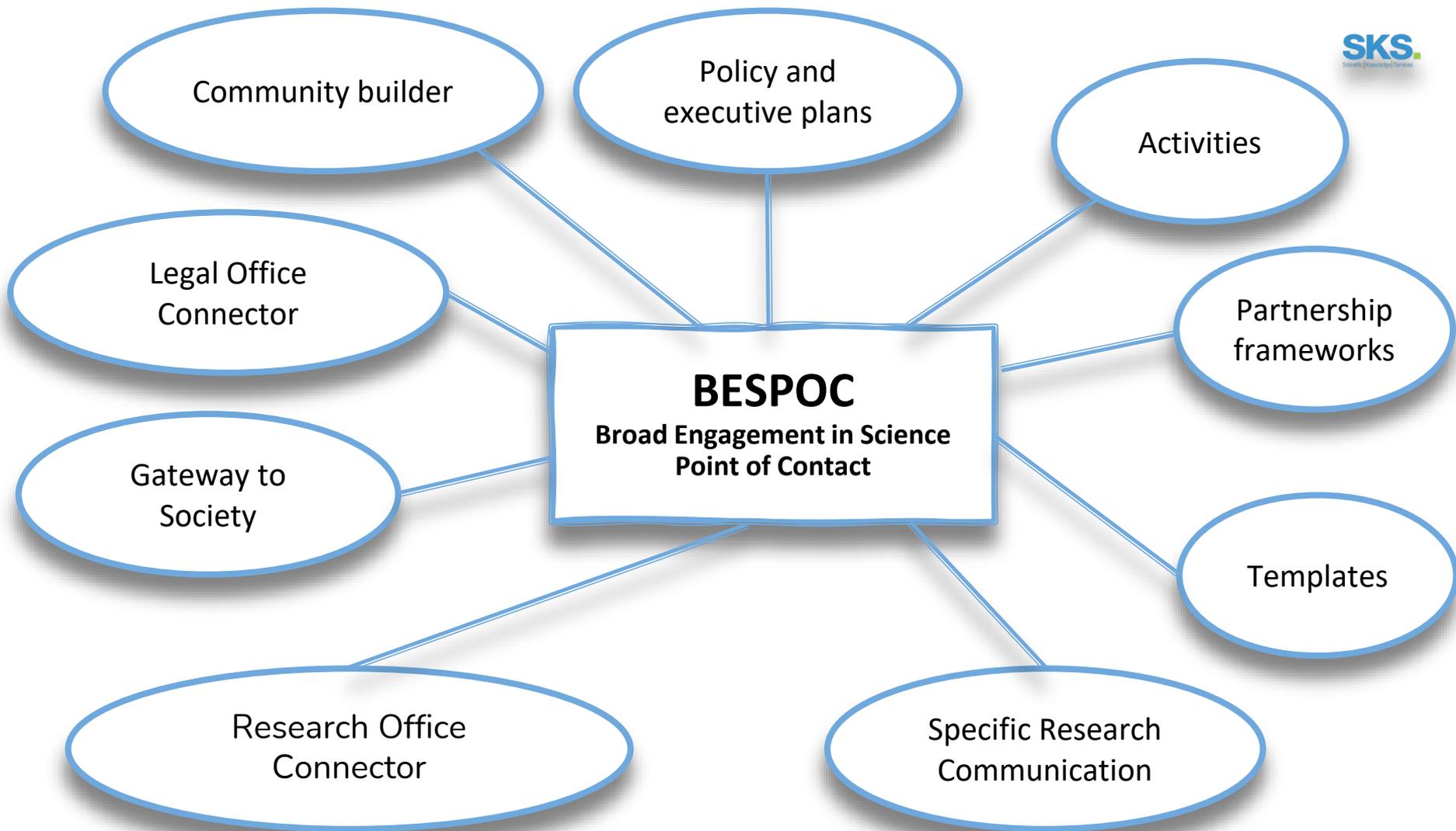
16:50 - Breakout Session Subgroup Reports

16:55 - Wrapping Up

Citizen Science

the process of
generating knowledge
through various
participatory formats.

A Strategic Development
the citizen science single point of contact
(citizen science hub)



The Value of BESPOC

nurtures a community of curious minds

educates people

consolidates trust in research

Researchers, better citizens

Introducing the second part: SECOND PART:

**Building Communities of Practice:
an essential element to bring citizen science at your institution**

What is a community of practice?

group of people that share a concern, a set of problems or a passion [...] and who deepen their knowledge or expertise [...] by interacting on an ongoing basis.

Etienne Wenger et al.

Cultivating Communities of Practice

small - big | long lived - short lived | collocated - distributed |
homogeneous - heterogeneous | inside - across boundaries |
spontaneous - intentional | unrecognised - institutionalised

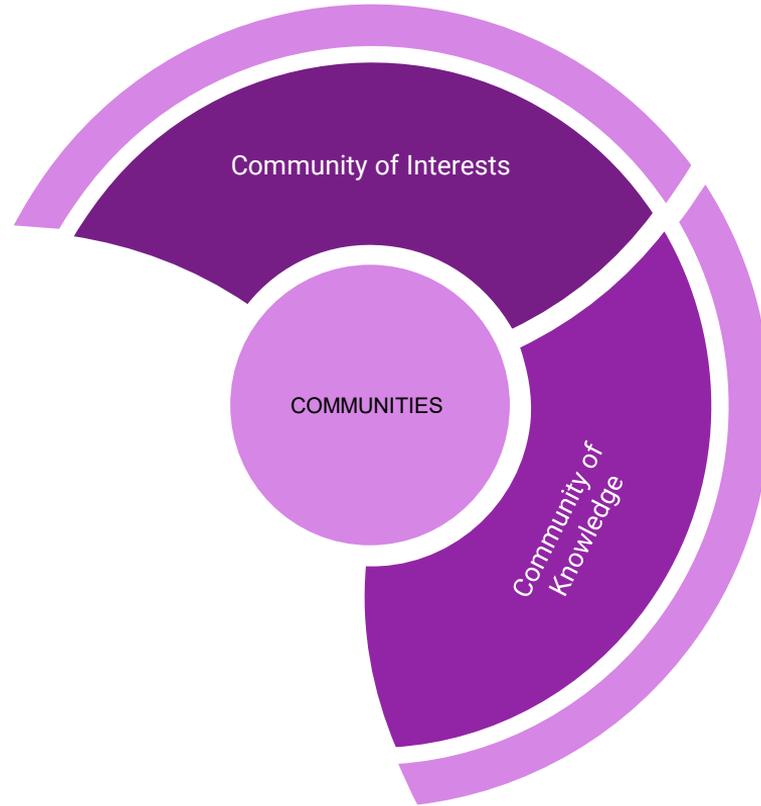
Qu'est-ce qu'une communauté de pratique ?

groupe de personnes qui partagent une préoccupation, un ensemble de problèmes ou une passion [...] et qui approfondissent leurs connaissances ou leur expertise [...] en interaction régulière.

*Etienne Wenger et al.
Cultivating Communities of Practice*

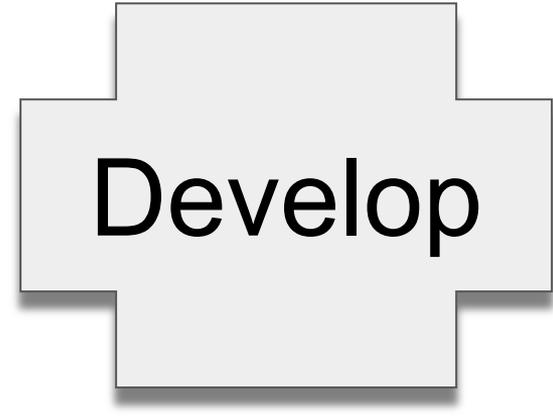
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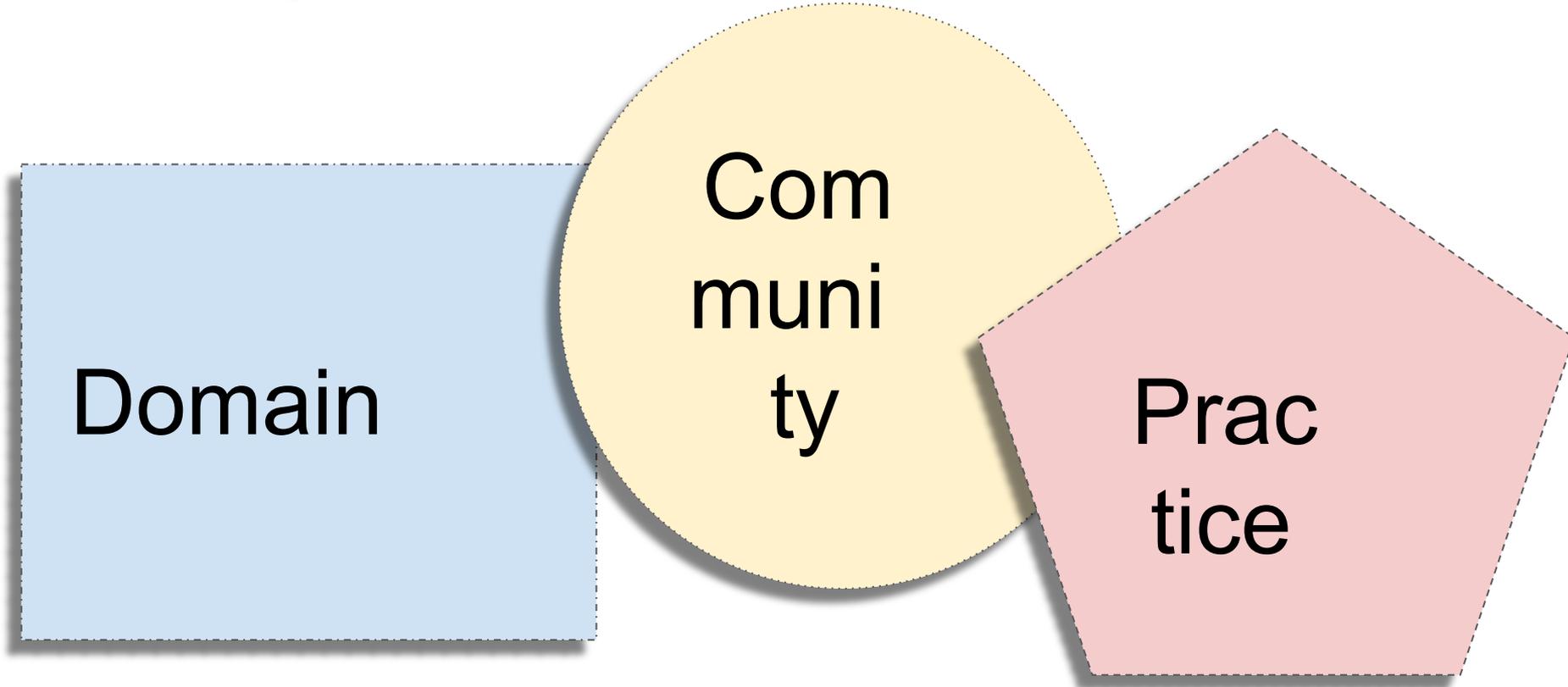




Communities of practice are nurtured (cultivated)



Community of Practice: Structural Elements



Community of Practice: Structural Elements

DOMAIN

- A set of topics
- Affirms purpose and values
- Creates common ground
- Define the identity
- Inspires contribution and participation
- Guides learnings
- Give meanings to actions

COMMUNITY

- People who cares about the domain
- The social fabric of learning
- Interactions and relationships
- The frame that encourages to generate, share
- It helps identify opportunities and overstep difficulties

PRACTICE

- Wisdom, lessons, tools, experiences, trials, etc that help the community become effective in its domain
- Frameworks, styles, stories, documents, language that community share
- Mastership of community's basic knowledge

Short Break - Courte pause

5 min

Workshop Session:

Citizen Science Communities: how to nurture them?

Community of Practice: Structural Elements

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Community of Practice (A Practical Model)

DOMAIN

- What do we really care about?
- How this connects with our institutional strategy?
- What is in it for us?
- Are we ready to take leadership?
- What impact do we want to have?

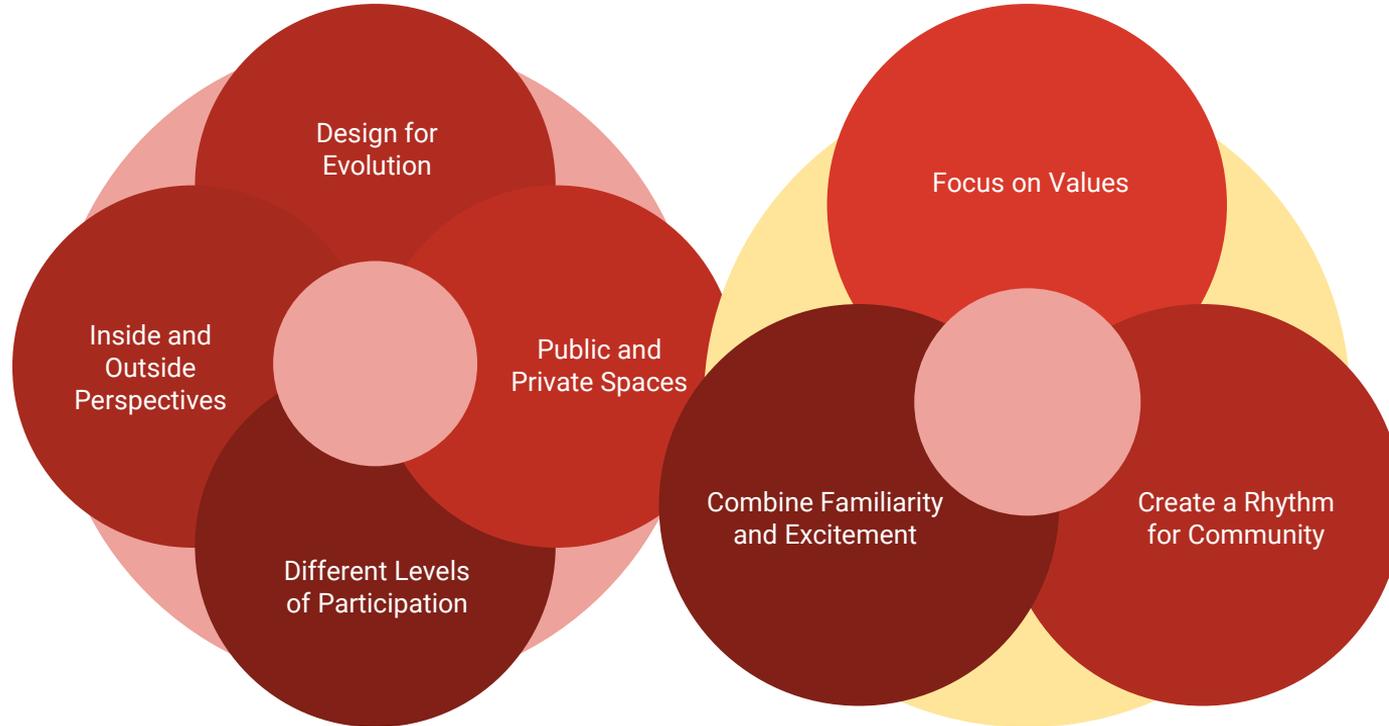
COMMUNITY

- What roles are people going to play?
- How do we meet and connect?
- What support do we need?
- How to develop synergy and trust?
- How do we deal with conflicts?
- How do we welcome newbies?

PRACTICE

- How do we organise the knowledge repository?
- What processes to standardise?
- How do we accommodate the differences?
- How do we undertake skills development?
- “Hands-on” and “Minds-on”

Principles for Cultivating Communities of Practice



Communities of Practice: their life stages



Team work

15 min

Reports: TS:

Results from the Workshop Session

wrap - u p :

Concluding

BESPOC is a prototype for a citizen science single point of contact at your institution. It helps for transforming your library into a trusted hub. We are open to collaborate to turn the prototype into a practical model.

Citizen Science at higher education and research organisations needs communities of practitioners. Volunteers need to be part of a community that practice *support for - and engagement with science*.
Learn how to nurture such communities.



Communities of Practice

a model for connecting and cultivating Communities of Practice that are relevant for your organisation's strategies

CONTACT

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Cultivating Communities of Practice: further topics

