SHARING & REUSE
CONFERENCE

OPEN.SHARE.LINK

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SCORE collaborating cities: open communities are the key to reuse and interoperability

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#SRCONF19

How I got to work on SCORE

- Age 8, didn't fit in, hard time learning
- Age 9, got onto the internet, found out how to learn myself with the help of others
- …
- Open source for cities, a dream of collaboration infrastructure
- City of Amsterdam open source advisor
- SCORE

Interreg
North Sea Region
SCORE
European Regional Development Fund

EUROPEAN UNION

SCORE

15 partners, 9 cities, agile co-development of open source solutions

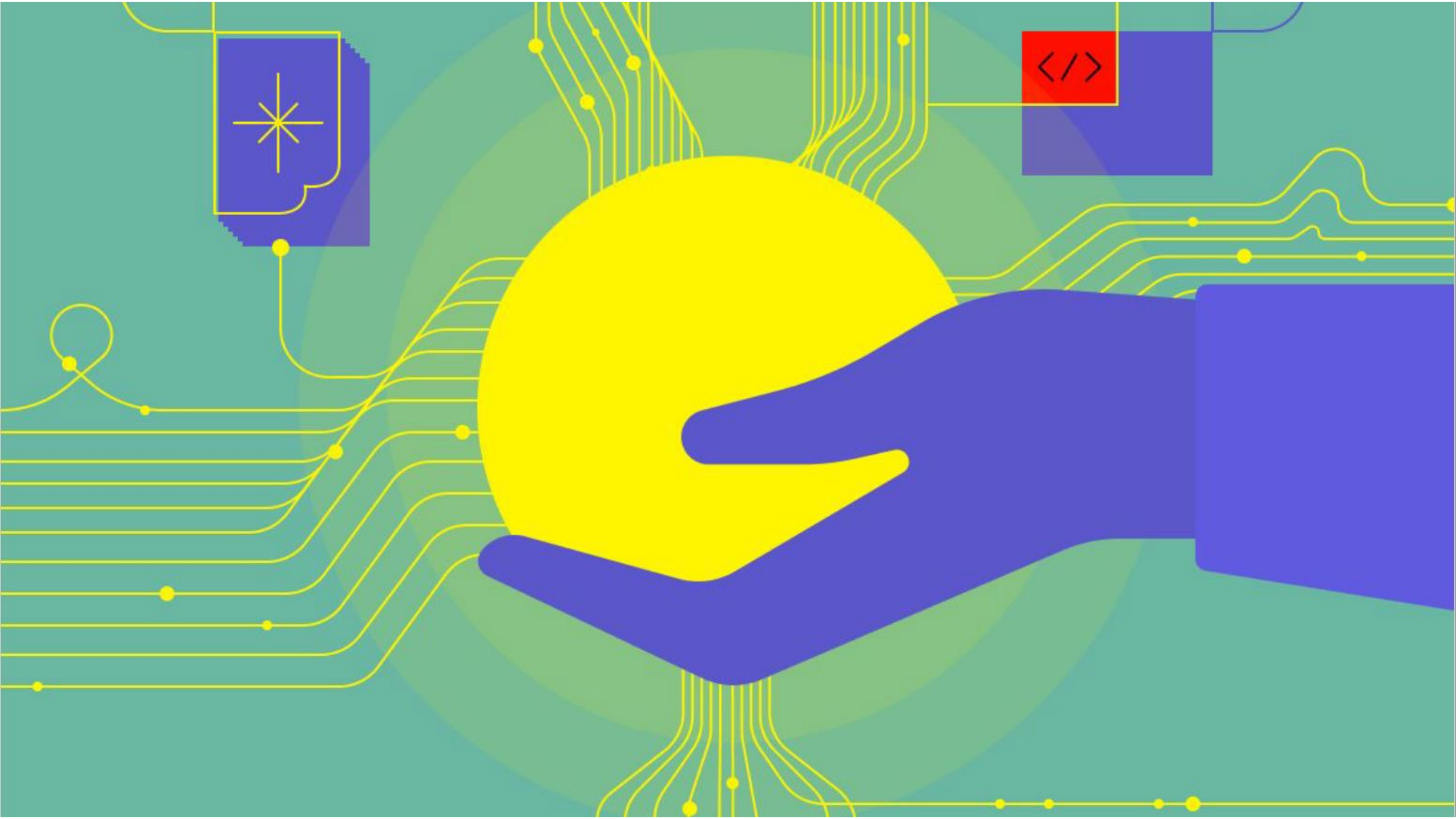
Gemeente Amsterdam
Hamburg
Dordrecht
Johanneberg Science Park
Bergen Kommune
City of Bradford MDC
www.bradford.gov.uk
UNIVERSITY of BRADFORD
AARHUS UNIVERSITY
CITY OF AARHUS
ABERDEEN CITY COUNCIL
ghent: so much city
City of Gothenburg

Ambitions when we started

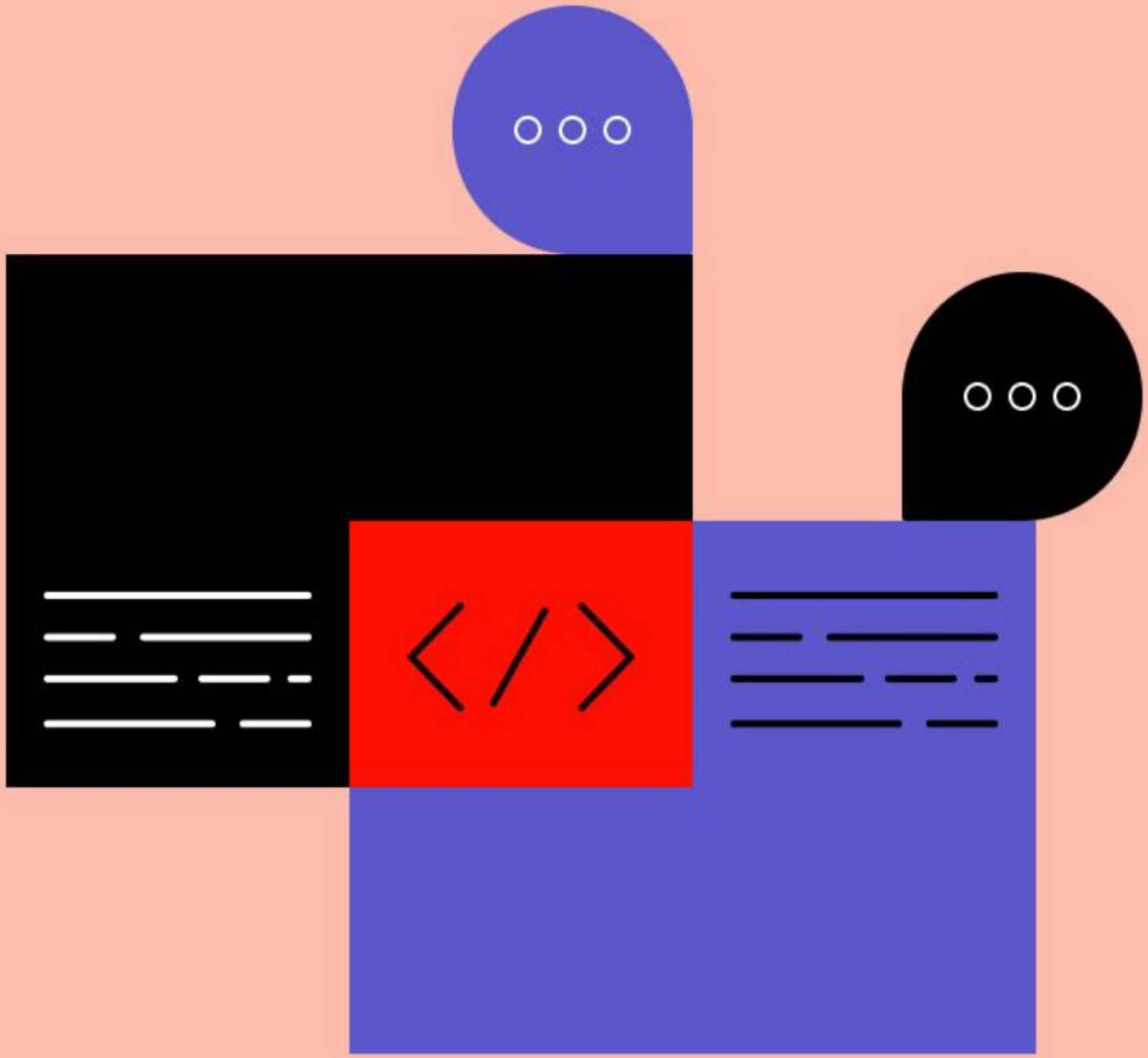
- Identify common challenges faced by citizens
- Develop open source solutions together to solve these challenges
- Replicate our solutions to cities all over Europe

We thought technology would be the hard part

- Data portability
- Setting up and organizing collaborative development teams in the cities
- Deciding on a technical infrastructure
- Sharing one common process
- Collaborative backlog and sprint management
- Technical interoperability
- Docker or Open Stack infrastructure
- GitHub or a GitLab instance



Cultural interoperability is as important as technical interoperability



Mapping our problems

Gent and Digipolis Gent.

Assumption: finding a common problem is easy, making the solution is hard.

We found out building solutions is not that hard. Challenges are incredibly hard to identify well. Very hard to openly communicate and be vulnerable.

Cultural change: from working reactively to working pro-actively by using open collaboration throughout the organisation.

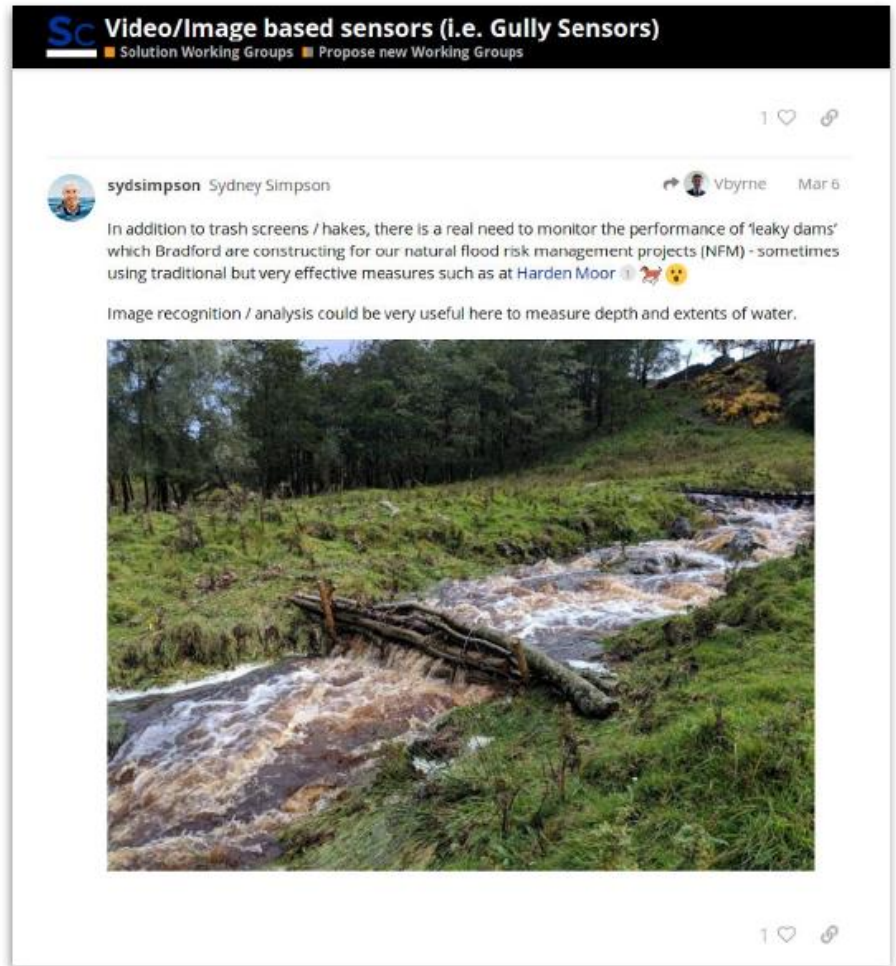
Drainage and flood risk management

Aberdeen, Bradford, Bradford University and Amsterdam Data Science.

Data inventory, technical infrastructure, architectural mapping and big data analysis.

Value is in understanding the problems, what problems are shared, how solutions are discovered and procured.

Being vulnerable by sharing our problems and learnings in the open.

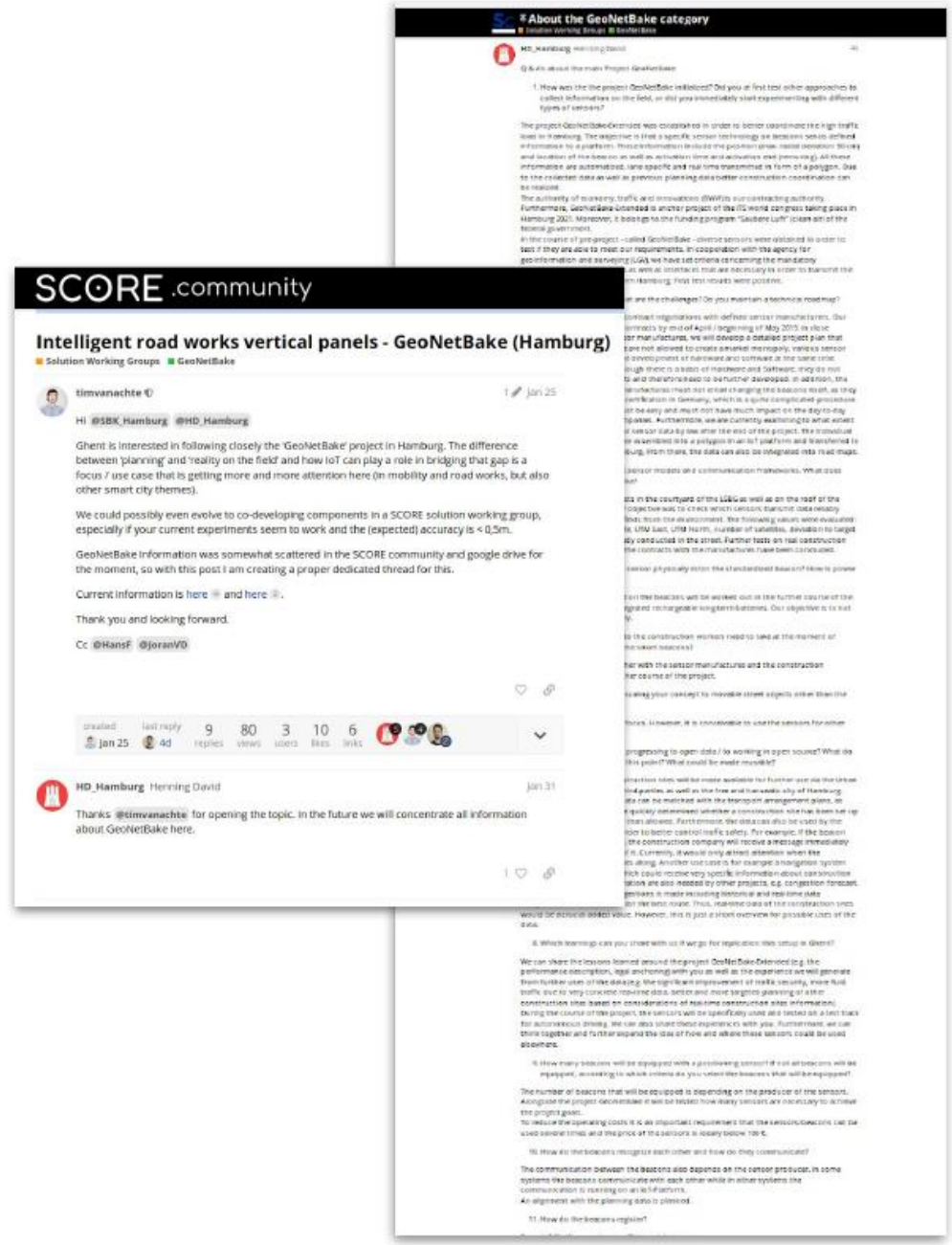


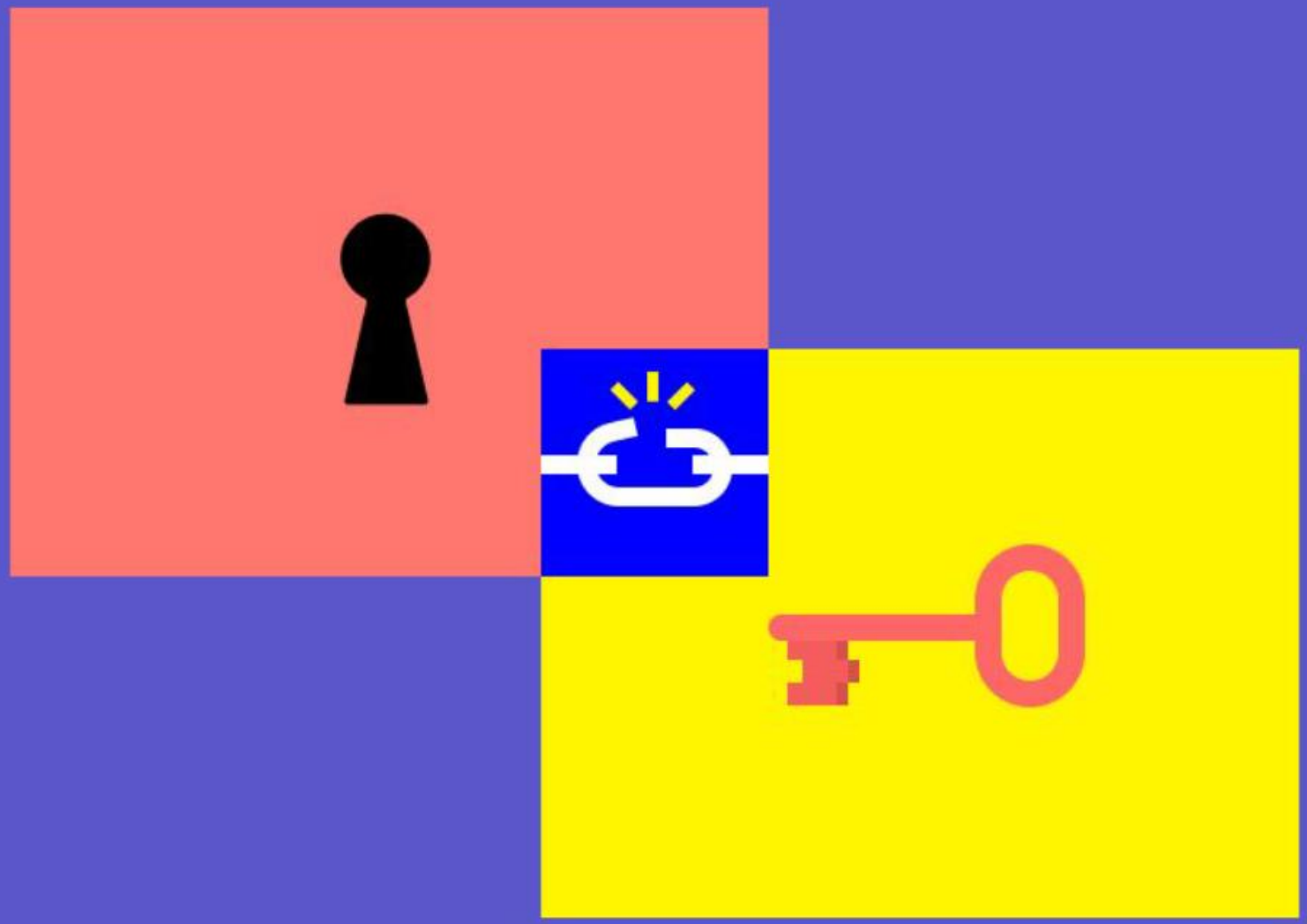
GeoNetBake

Hamburg, Ghent & Digipolis Ghent, Aarhus, Gothenburg, Johanneberg Science Park.

Shared challenge, Hamburg has a proposed solution in active co-development from other partners.

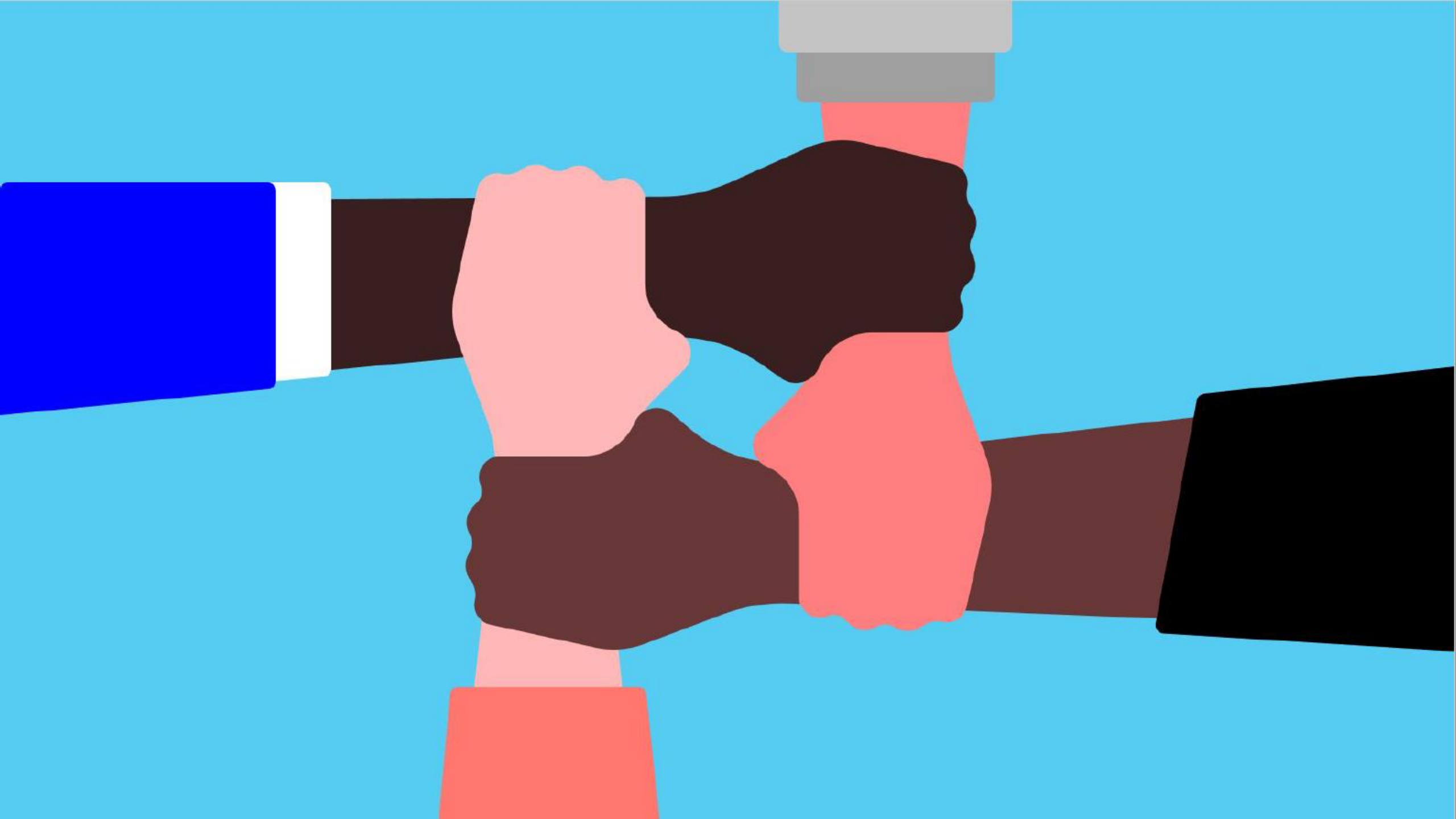
Open development enables a wide variety of stakeholders to be involved in development.





In order to share & reuse

- When building collaborations, be open, because it is the only way to create common alignment and find problems everyone wants to solve.
- When discussing a common problem, be open, share discoveries and learnings because this enables you to leverage your problems with someone else's strengths.
- When working on solutions, be open, because you need diverse stakeholders involved.



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Thanks 🙇‍♀️