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IMPROVING THE PREPAREDNESS OF SMART CITIES IN CRISIS MANAGEMENT

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THE PLAGUES ON EGYPT EXODUS 7-12

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1

BLOOD (7:14-24)

The Nile, along with all of the water in Egypt, turns into blood. But Pharaoh does not let the Israelites go.



2

FROGS (7:25 - 8:15)

Frogs cover the land of Egypt. Pharaoh promises to let the Israelites go, but changes his mind.



3

GNATS (8:16-19)

The dust turns to gnats, which cover the people and animals of Egypt. But Pharaoh does not let the Israelites go.



4

FLIES (8:20-32)

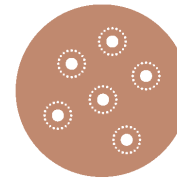
Flies fill the houses and land of Egypt. Pharaoh promises to let the Israelites go, but changes his mind.



5

LIVESTOCK (9:1-7)

All of the livestock of the Egyptians die. But Pharaoh does not let the Israelites go.



6

BOILS (9:8-12)

Festering boils break out on the Egyptians and their animals. But Pharaoh does not let the Israelites go.



7

HAIL (9:13-35)

Hail strikes down everything in the fields - humans, animals and trees. Pharaoh asks for forgiveness and promises to let the Israelites go, but changes his mind.



8

LOCUSTS (10:1-20)

Locusts devour every tree and plant in the land of Egypt. Pharaoh asks for forgiveness, but does not let the Israelites go.



9

DARKNESS (10:21-29)

Darkness covers the land of Egypt for three days. Pharaoh promises to let the Israelites go, but changes his mind.



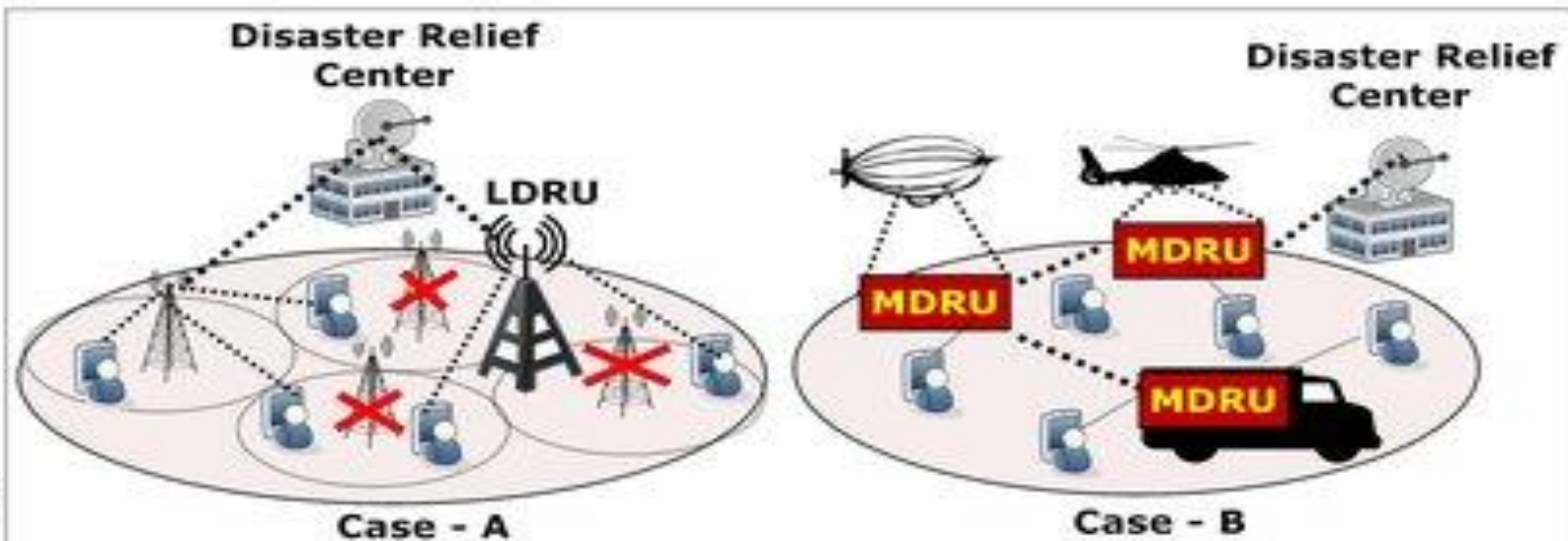
10

FIRSTBORN (11:1-10; 12:29-32)

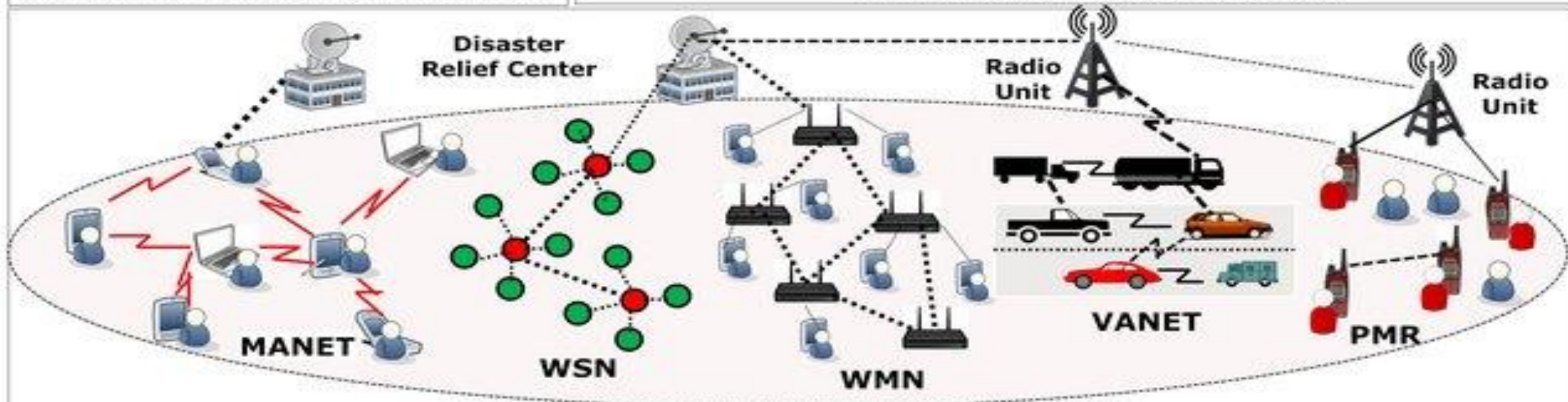
Every firstborn son and firstborn of the cattle in Egypt dies. Pharaoh finally lets the Israelites leave Egypt, only to change his mind and pursue them to the Red Sea.



(a) Satellite based emergency network



(b) LDRU based emergency network



(c) Ad-Hoc based emergency Network

Μπαλάκι ευθυνών Περιφέρειας – Δήμων για το φράγμα στον ποταμό Καλέντζη – Ποιος το έσπασε (vid)

«Το ζήτησε εν εξάλλω ο δήμαρχος Παλαμά» υποστηρίζει ο
αντιπεριφερειάρχης [redacted] – «Η ευθύνη είναι της περιφέρειας» απαντά ο
[redacted]: Σε μια λωρίδα προς Αθήνα και Θεσσαλονίκη από
το Σαββατοκύριακο η κυκλοφορία στην Εθνική Οδό

THE PROBLEM



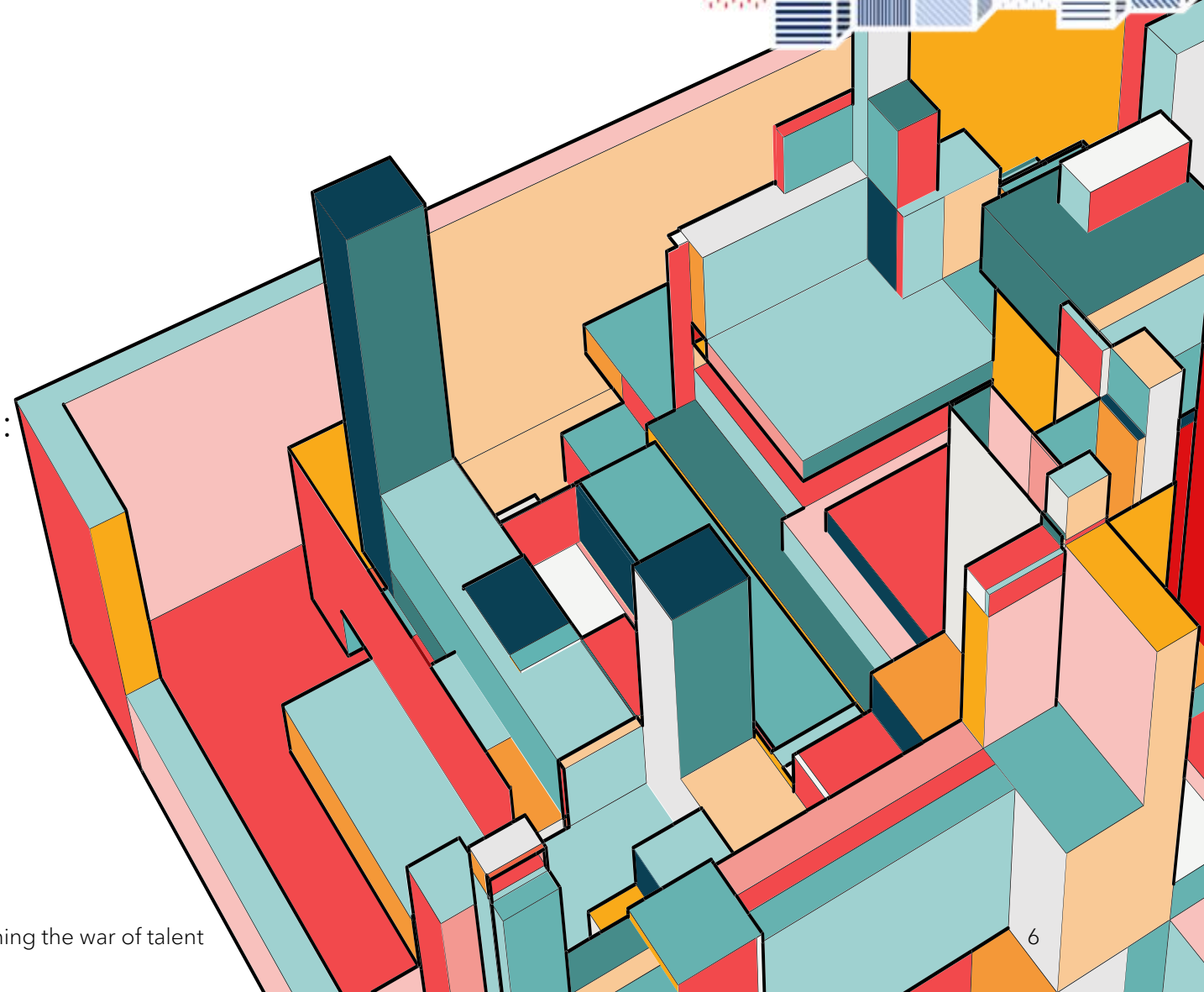
Source: PwC analysis, Technavio, Cisco, ITU, IEEE, Smart Cities Dive, GreenBiz



THE PROBLEM

Smart green resilient cities are complex techno-economic-social ecosystems with many different stakeholders. The human factor has NOT received sufficient attention:

- at the level of citizen participation, or
- at the level of competence/skills development of stakeholders





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DEFINING RESILIENT SMART CITIES

Resilient cities are cities that have the capacity to prepare, absorb and recover from shocks (economic, environmental, social and institutional).

A resilient city is a prerequisite for sustainable development, for the prosperity and development of the city inclusively.

Smart means that the role of ICT is the driving force.

OECD definition: <https://www.oecd.org/cfe/resilient-cities.htm>

THE SOLUTION



- Training of municipal staff
- Building smart/resilient city academies
- Define new modern job profiles
- Development of cooperation networks - communities of practice

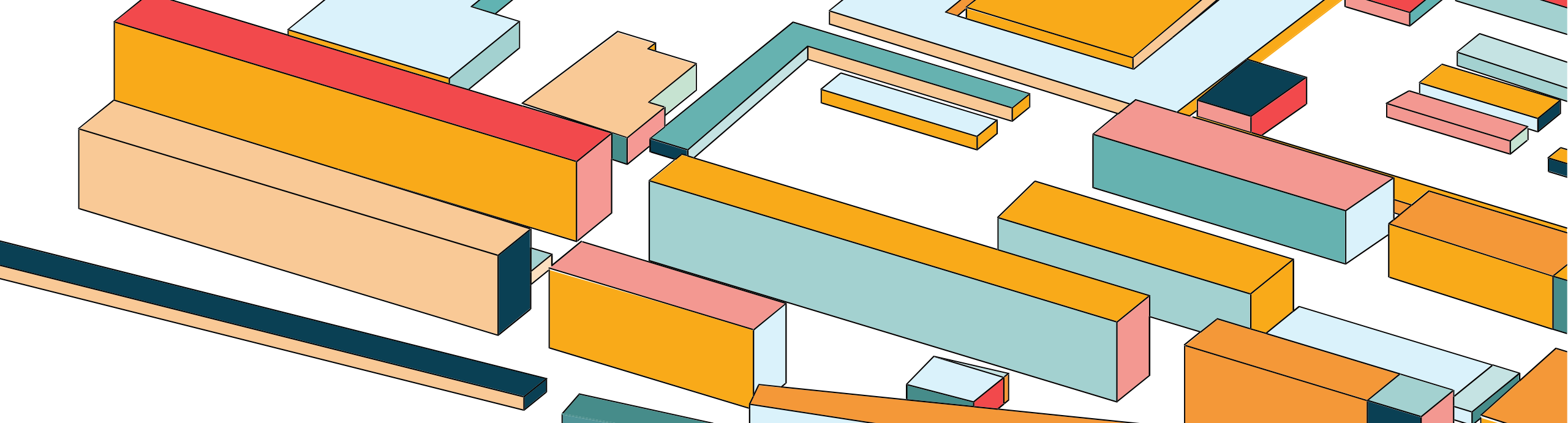


- Official name of the project: Competences for Resilient Smart Cities' Staff
- Acronym: CRISIS
- Funding Programme: Erasmus+ (European Commission)
- Project website: crisisproject.eu

KEY INFORMATION



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THE CONSORTIUM



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🌐 Portugal



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in Hagen

🌐 Germany

🌐 www.fernuni-hagen.de

ΟΙ ΣΤΌΧΟΙ ΤΟΥ ΈΡΓΟΥ CRISIS

1

Provide in a structured and systematic way a framework for training smart city staff on resilience

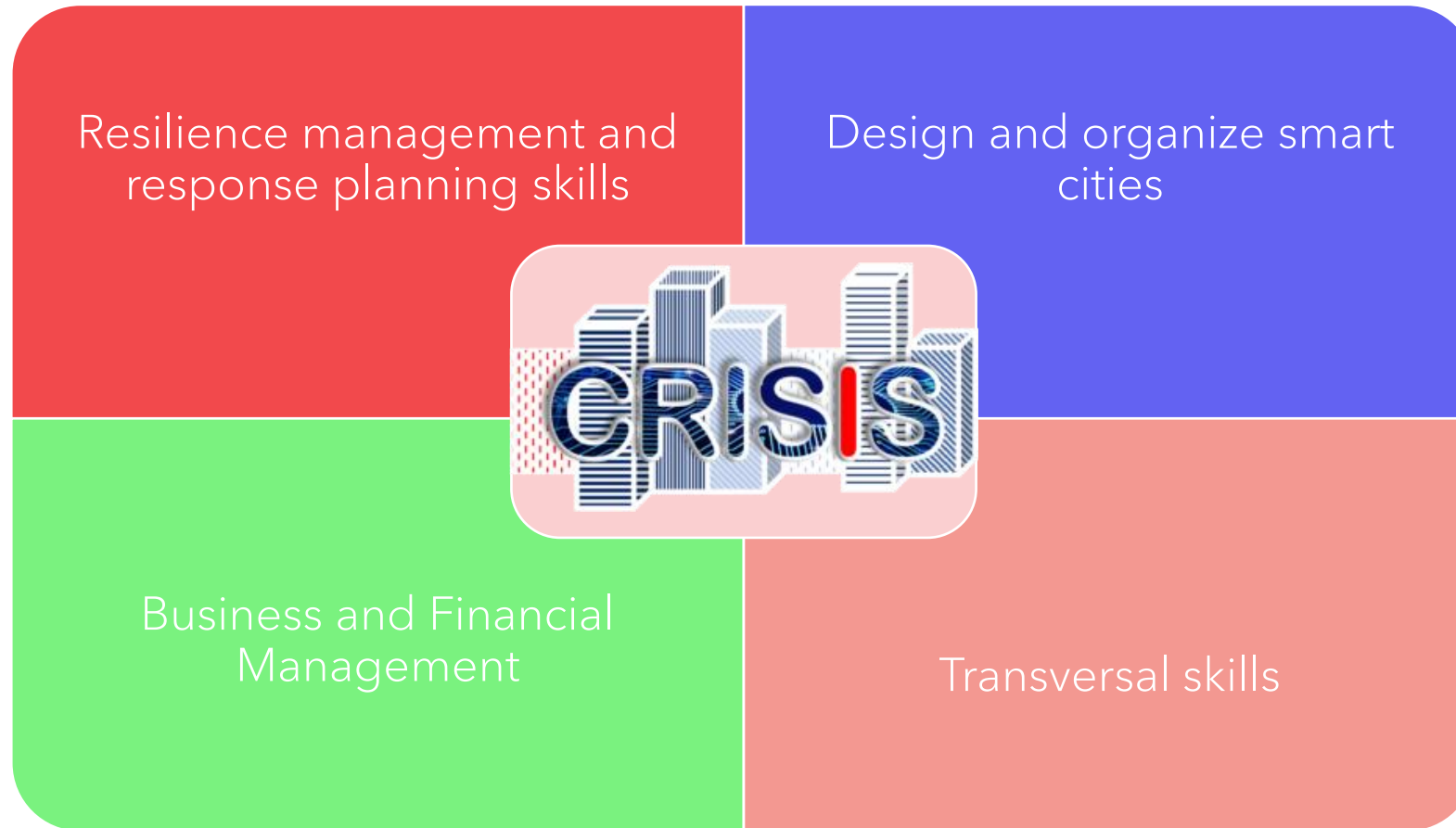
2

Development of an innovative curriculum for SCROs and closing the competence/skills gap for local government executives

3

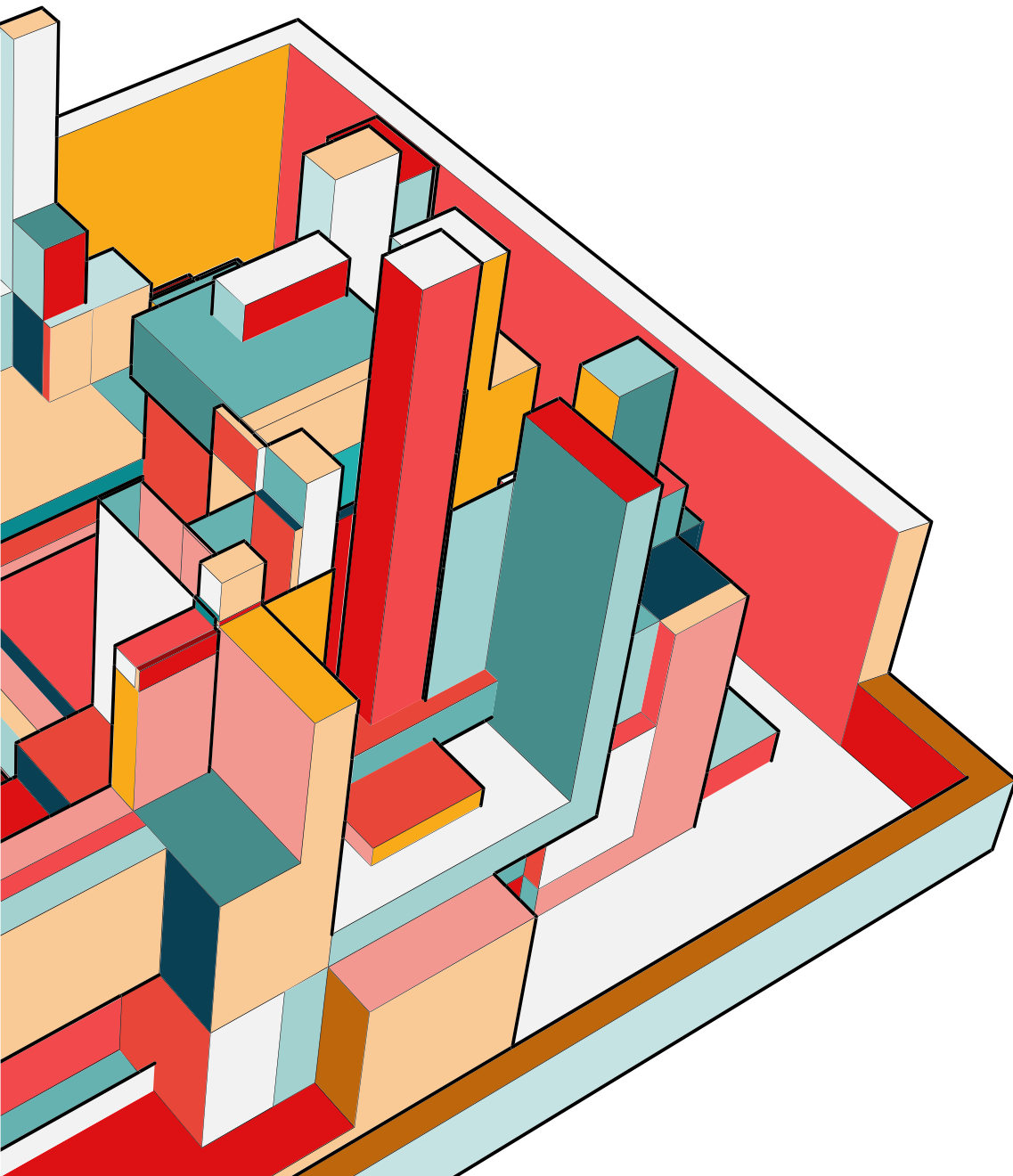
Promoting European cooperation for the training of smart city executives and raising awareness among different stakeholders

ΤΟ ΠΛΑΙΣΙΟ ΙΚΑΝΟΤΗΤΩΝ ΤΟΥ ΕΡΓΟΥ CRISIS



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ΝΕΑ ΕΠΑΓΓΕΛΜΑΤΙΚΑ ΠΕΡΙΓΡΑΜΜΑΤΑ



Smart DevOps project



Crisis project



Smart City Open Data



Χαρτοφυλάκιο
επαγγελματικών
περιγραμμάτων





ΕΥΧΑΡΙΣΤ'Ω – THANK YOU

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A DISASTER

