

Des solutions numériques pour des villes plus résilientes

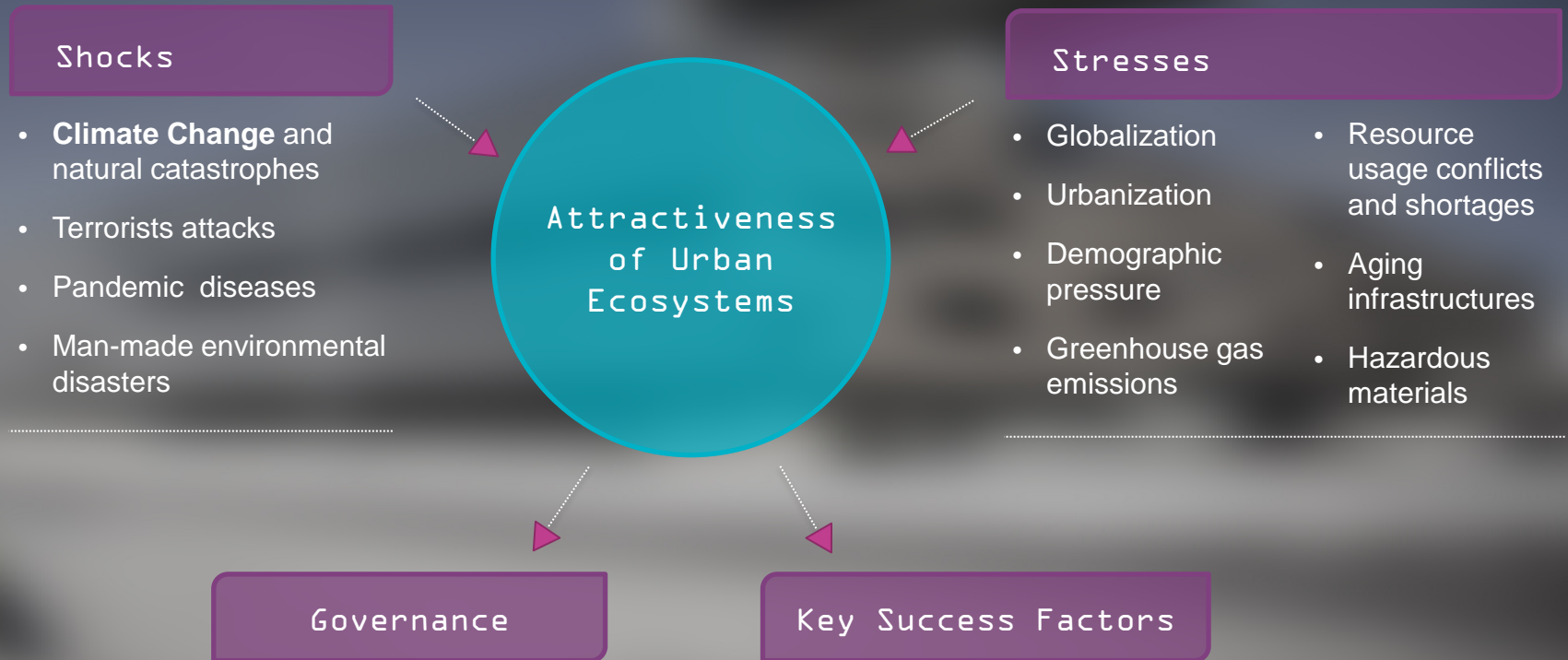


Innovative City
Nice
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WHAT IS RESILIENCE ?

Resilience: Strategic approach to strengthen the socioeconomic attractiveness of the urban ecosystem, guaranteeing its sustainable growth.



CHALLENGES FACED BY CITIES

Aging
infrastructure
and/or
Infrastructure
failure: 40%

Flooding: 83%

Pollution
or
environmental
degradation:
21%

Chronic
energy
shortages:
8%

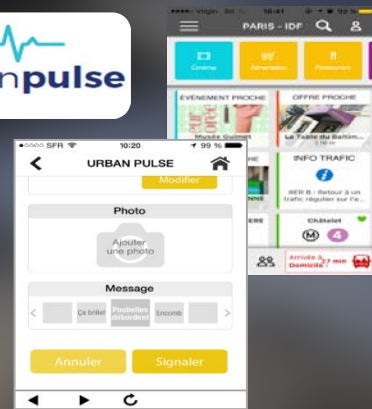
Terrorism:
18%

DIGITAL SOLUTIONS AT THE HEART OF RESILIENCY BY CONNECTING STAKEHOLDERS - EXAMPLE OF CRISIS MANAGEMENT



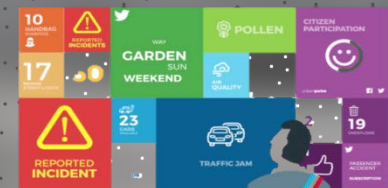
REACTIVITY

One platform to manage critical events
Integrated view for situational awareness
Real time monitoring



CITIZEN ALERT THROUGH MOBILE APP

Two way communication about events
Information to citizens on crisis
Feedback from citizens on local situation



CONTROL

A global view on critical events
Help with decision making
Information on citizen's perception on crisis management

COPENHAGUEN CASE STUDY: FLOOD FORECASTING AND ALERT



Stakes:

Foresee rainy events and then implement a tailored monitoring of sewage networks and waste water treatment plants to limit the discharge of pollutants.

Veolia Solution :

In Copenhagen, Veolia put forward a monitoring of meteorological radar data combined with a dynamic management of networks enabling to foresee and be more reactive in case of rainy events.

Customers benefits :

- Overflows related to rainy events were shrunk from 100 to 10 occurrences a year.
- More nature within the city as well as more leisure areas
- The harbour turned into a bathing area
- A higher environmental quality
- An improved safety for all
- Alerts and information in real-time

