



CELULEX Exercise, a multi-agency CBRN exercise

Joana Maia Pita

Lieutenant, DVM, MSc

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Maison de la Chimie, Paris, France



Biological Defence Laboratory of the Portuguese Army



Biological threat

Strategic level



Natural, accidental or intentional

No frontiers

Heterogenic pattern of contamination

Transmission

Potential to cause panic

Disruptive

Covert actions

Synthetic biology



CELULEX Exercise



● 2012

● 2013

● 2014

CELULEX Exercise



- *Bacillus anthracis*
- Foot and mouth disease
- *Yersinia pestis*



● 2015

● 2016

CELULEX Exercise



● 2017

● 2018

CELULEX Exercise



● 2019

● 2021

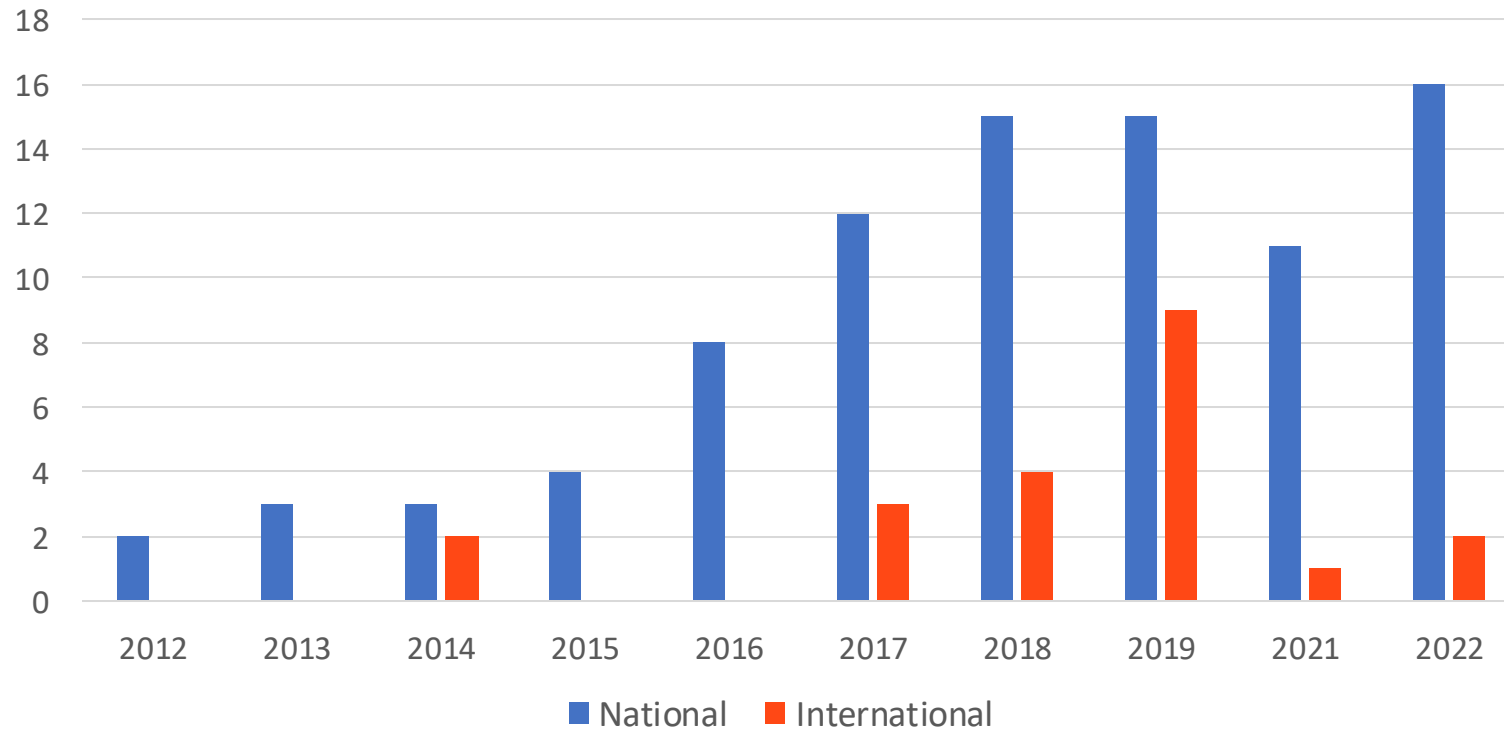
CELULEX Multi-agencies exercise



● 2022

CELULEX Multi-agencies exercise

Entities participating in CELULEX exercise



Interoperability

Interoperability between civilian and military



Emergent pathogens

Climate change

Demographic changes

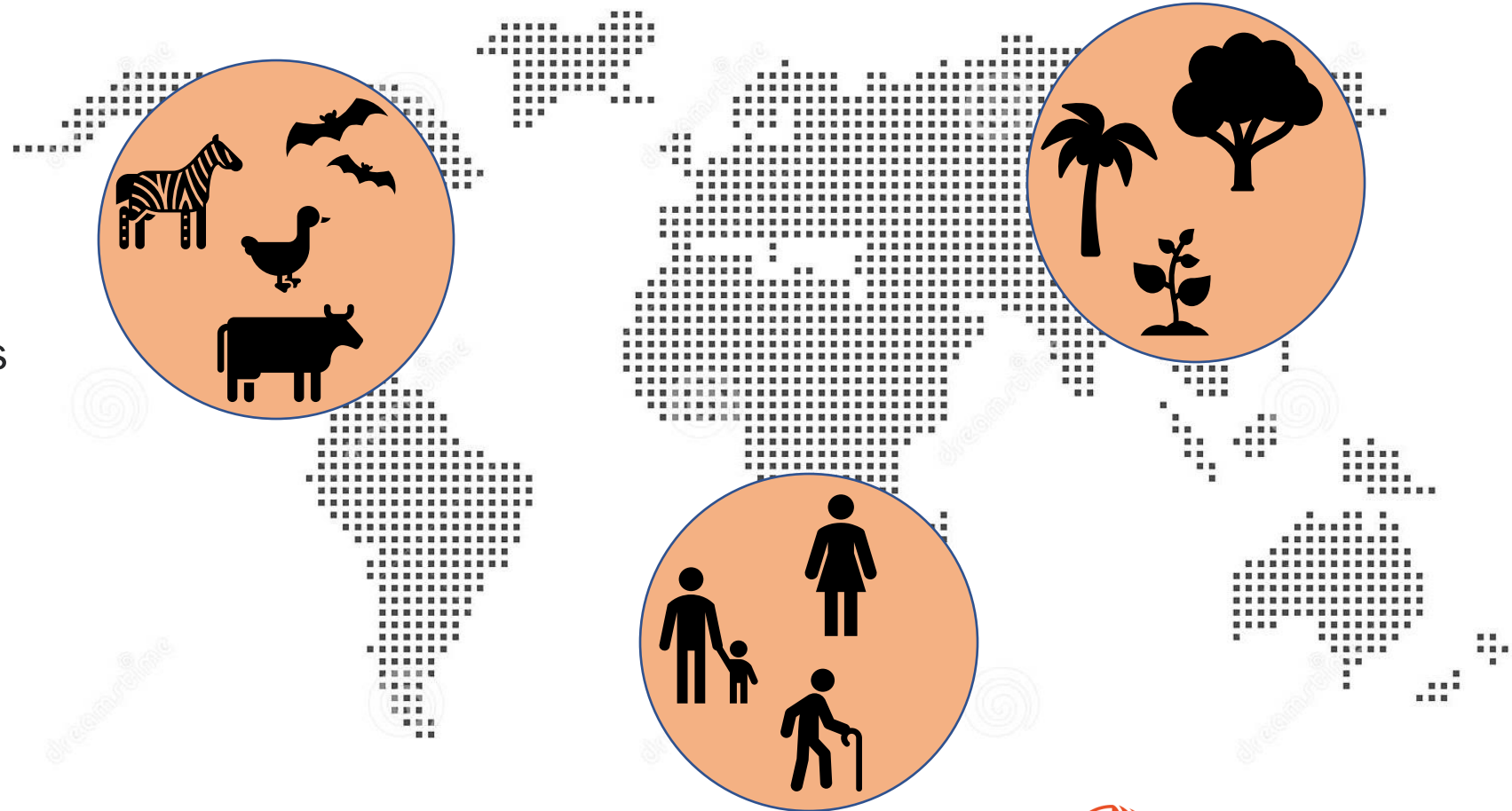
Urbanization

Invasion of the natural habitats

Loss of biodiversity

Human and animals contact

Spread zoonotic diseases

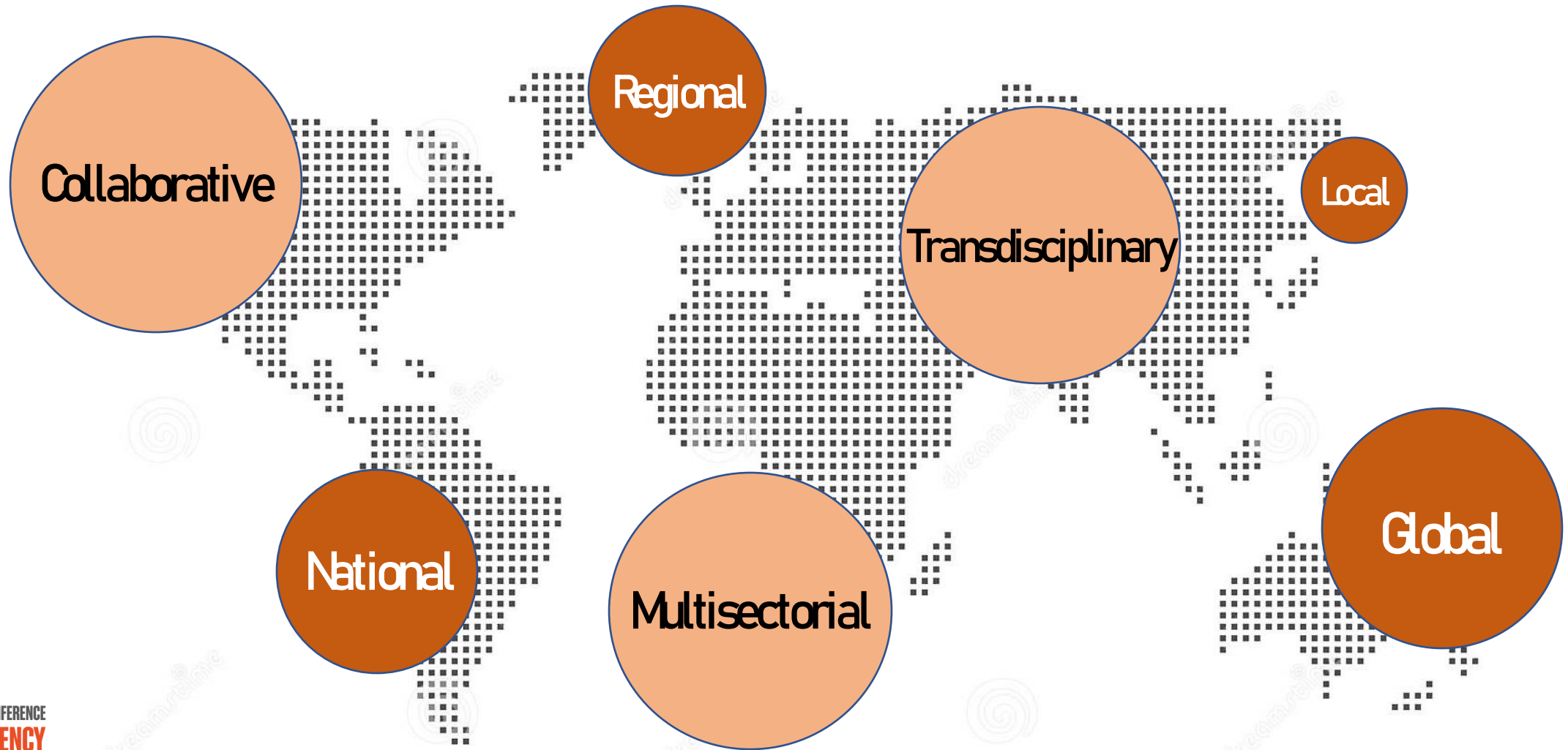


Animal health - security

- ▲ Refuges, mobility of people and goods
- ▲ Transnational terrorism
- ▲ 80% of pathogens with potencial bioterrorism use are zoonotic



Multisectorial cooperation





Thank you

Joana Maia Pita

Lieutenant, DVM, MsC

pita.jsm@exercito.pt

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