

Automation in Aviation

The vision of skyguide

16th of September 2020

From Situation **today**

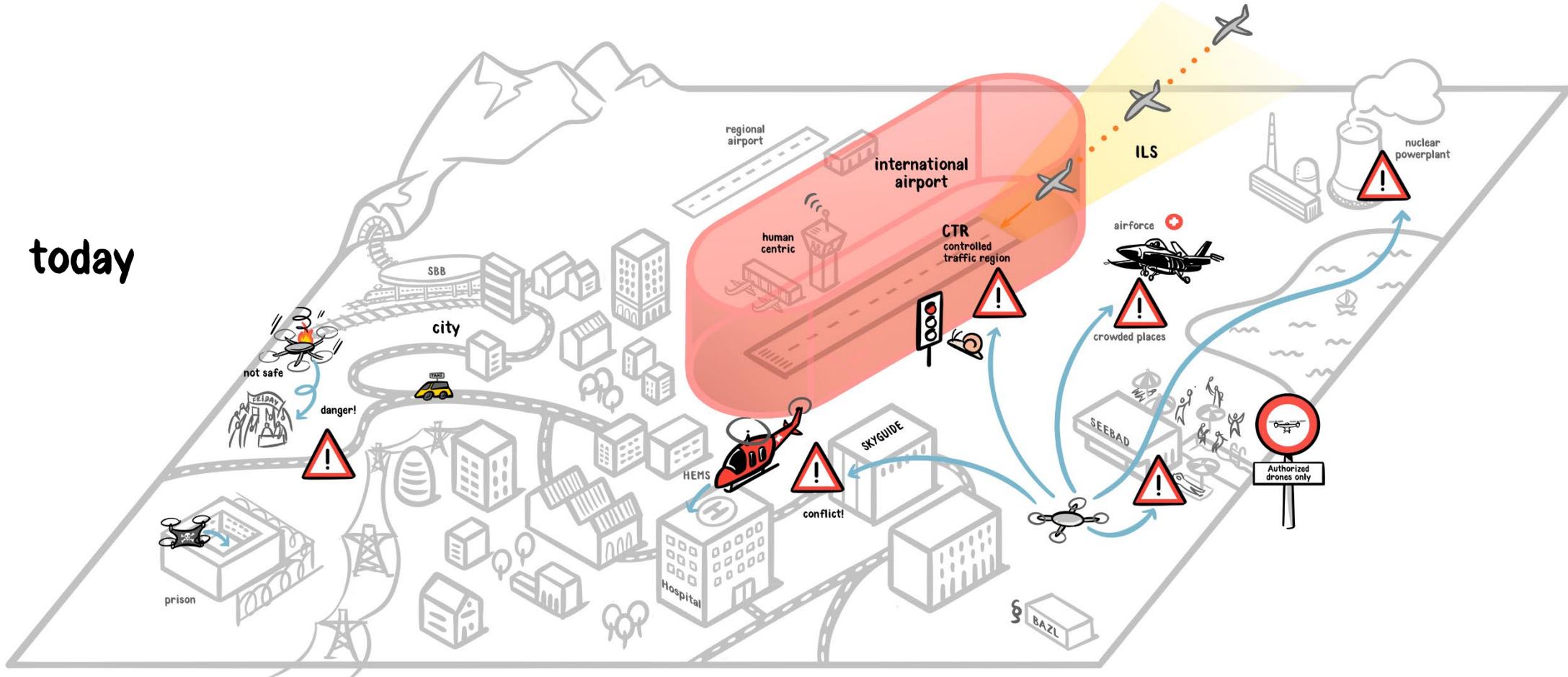
to

Situation **tomorrow**

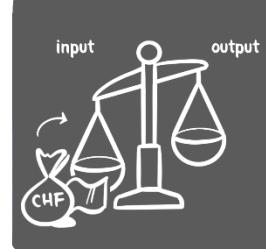
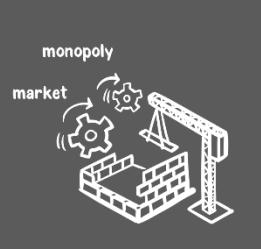
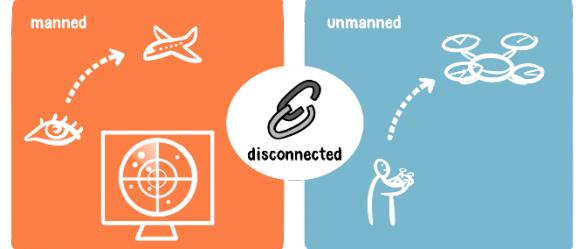
to

Situation **after tomorrow**

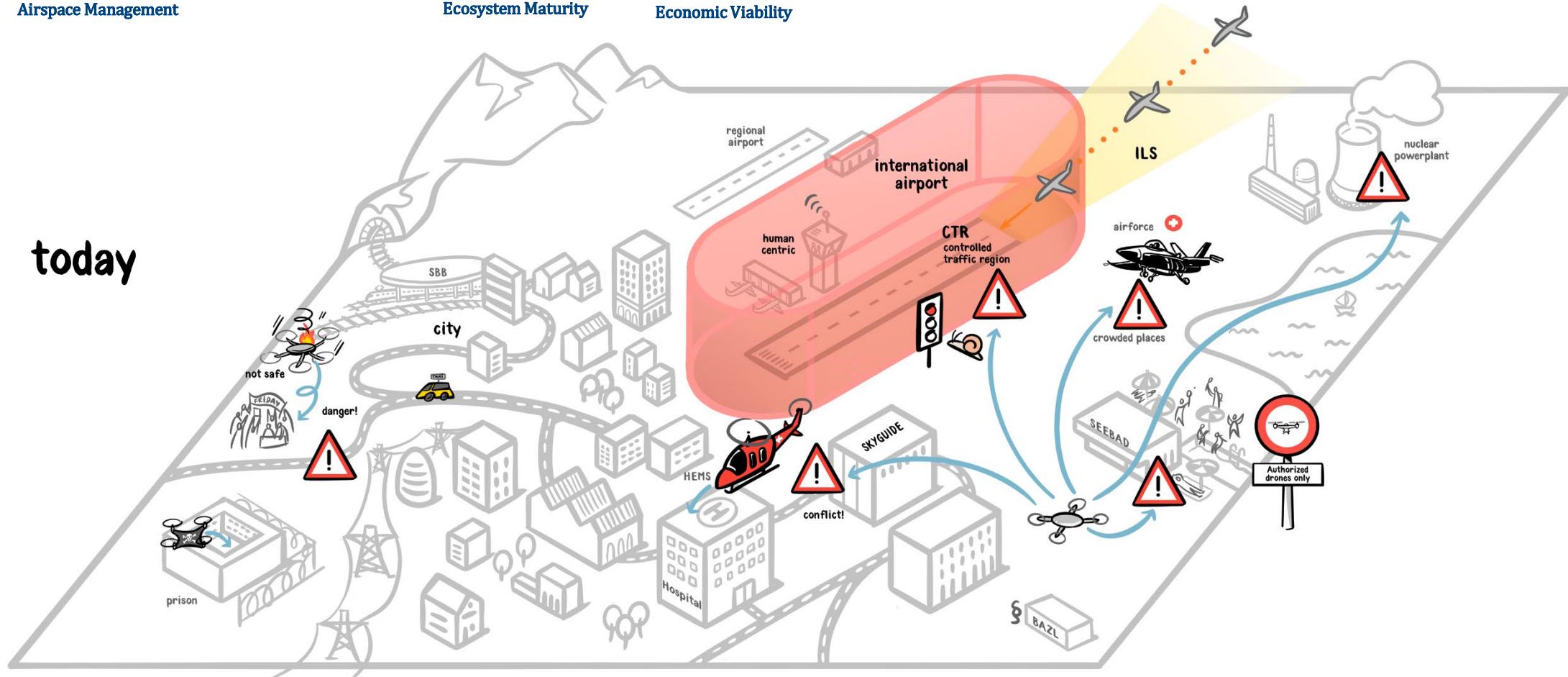
today



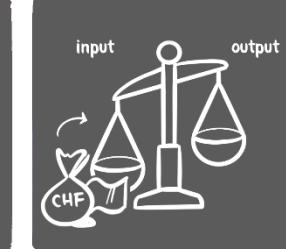
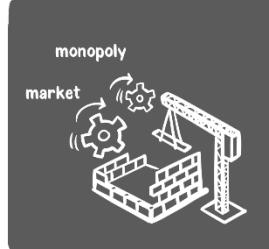
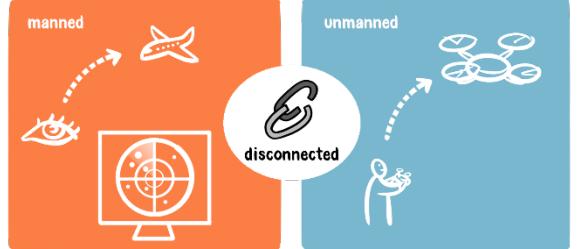
Key Elements



today



System Elements

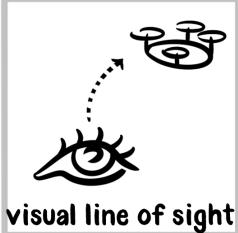


Airspace Management

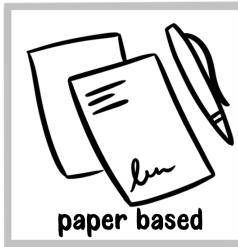
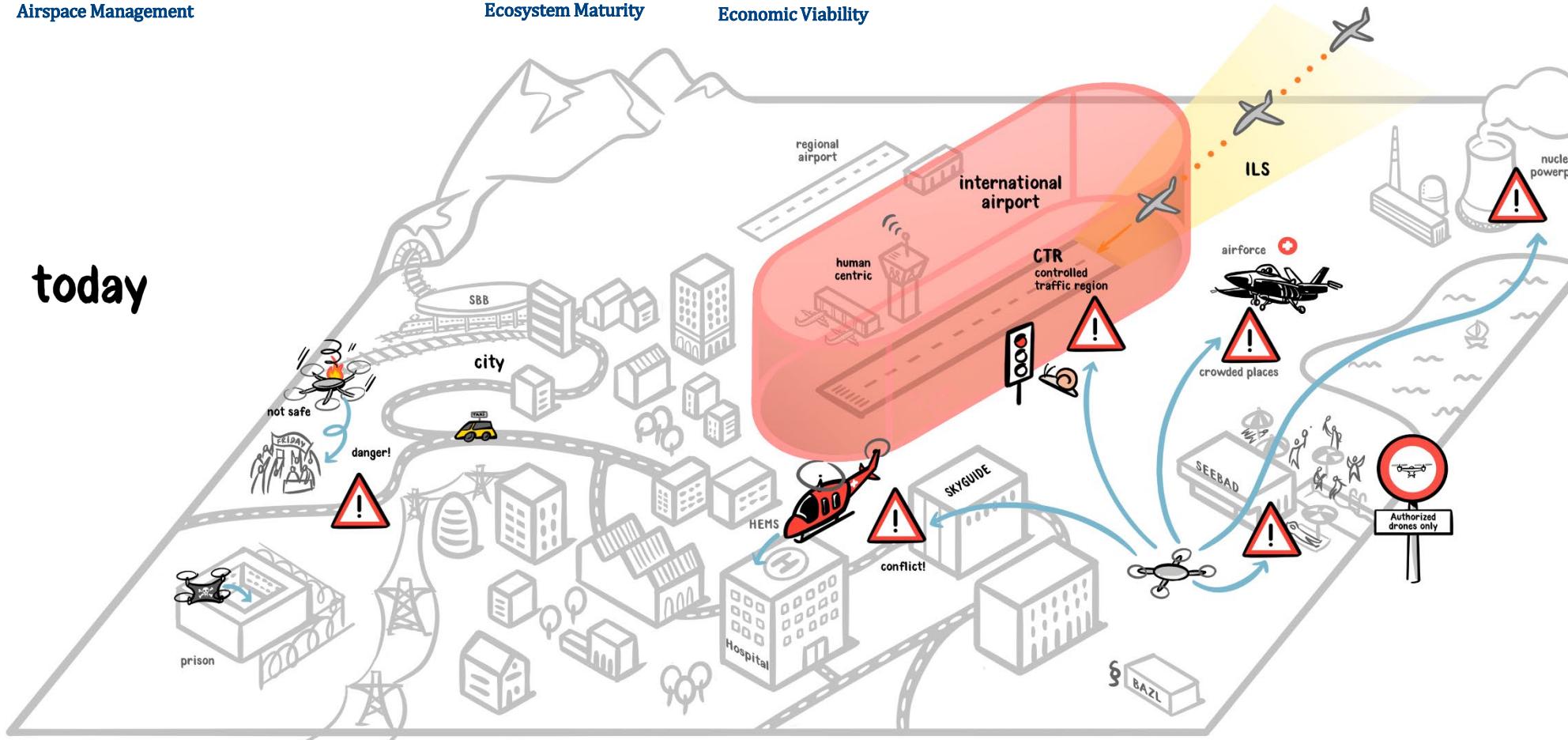
Ecosystem Maturity

Economic Viability

Stakeholder Elements

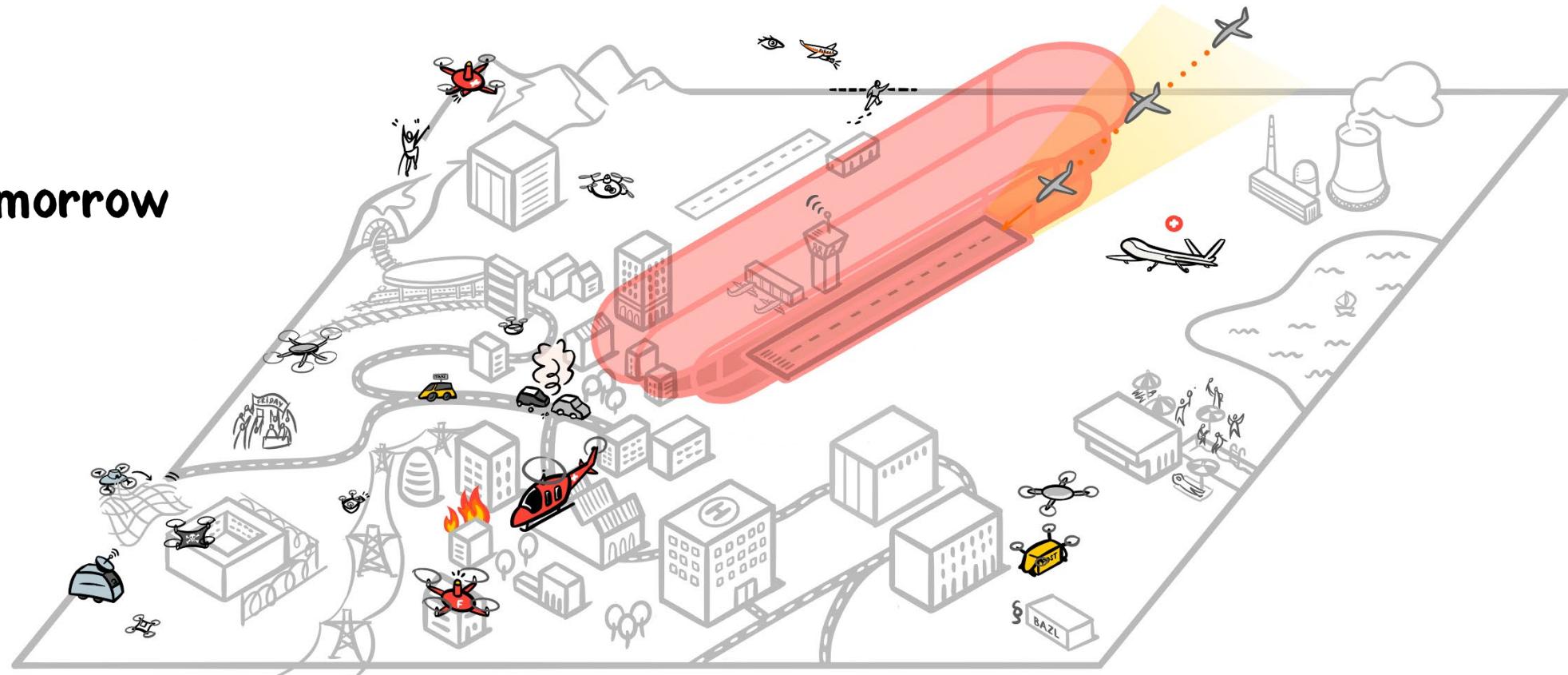


today

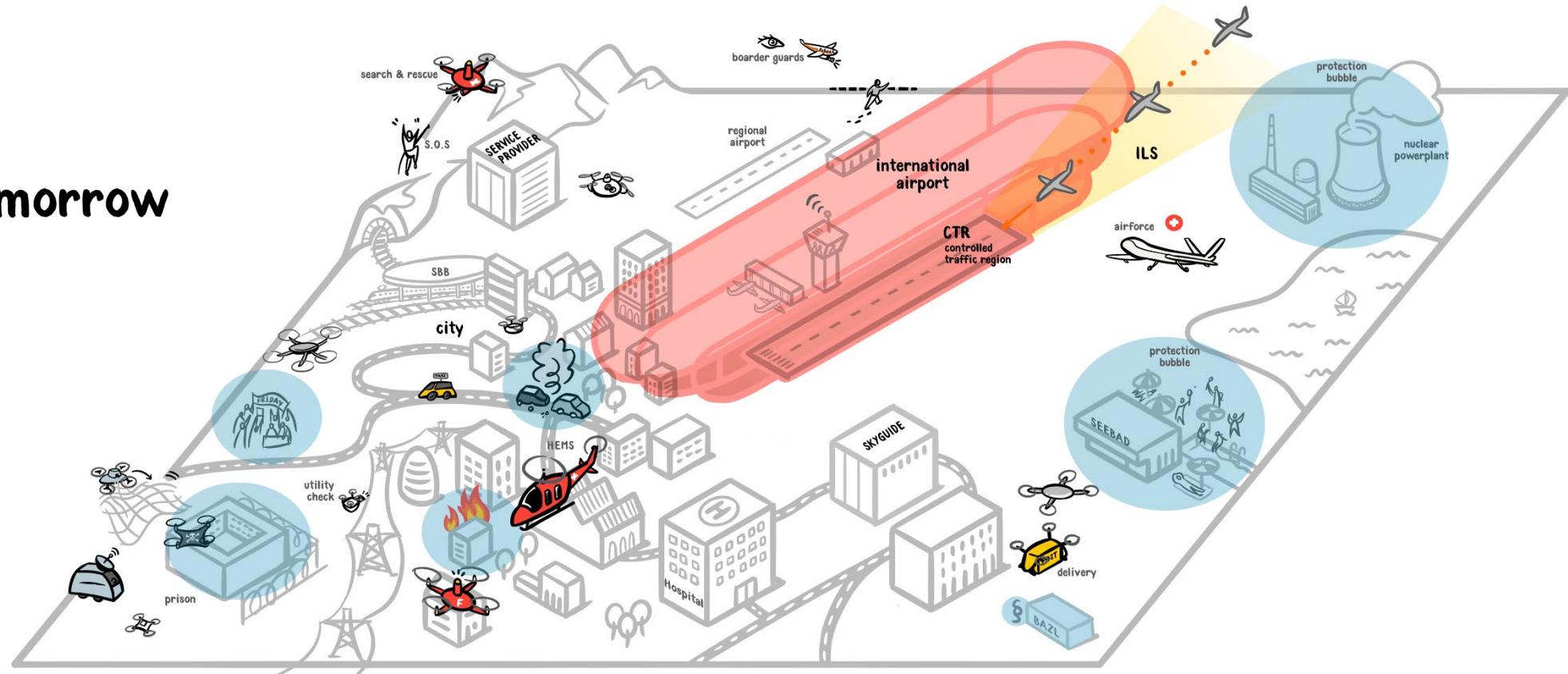


Situation tomorrow

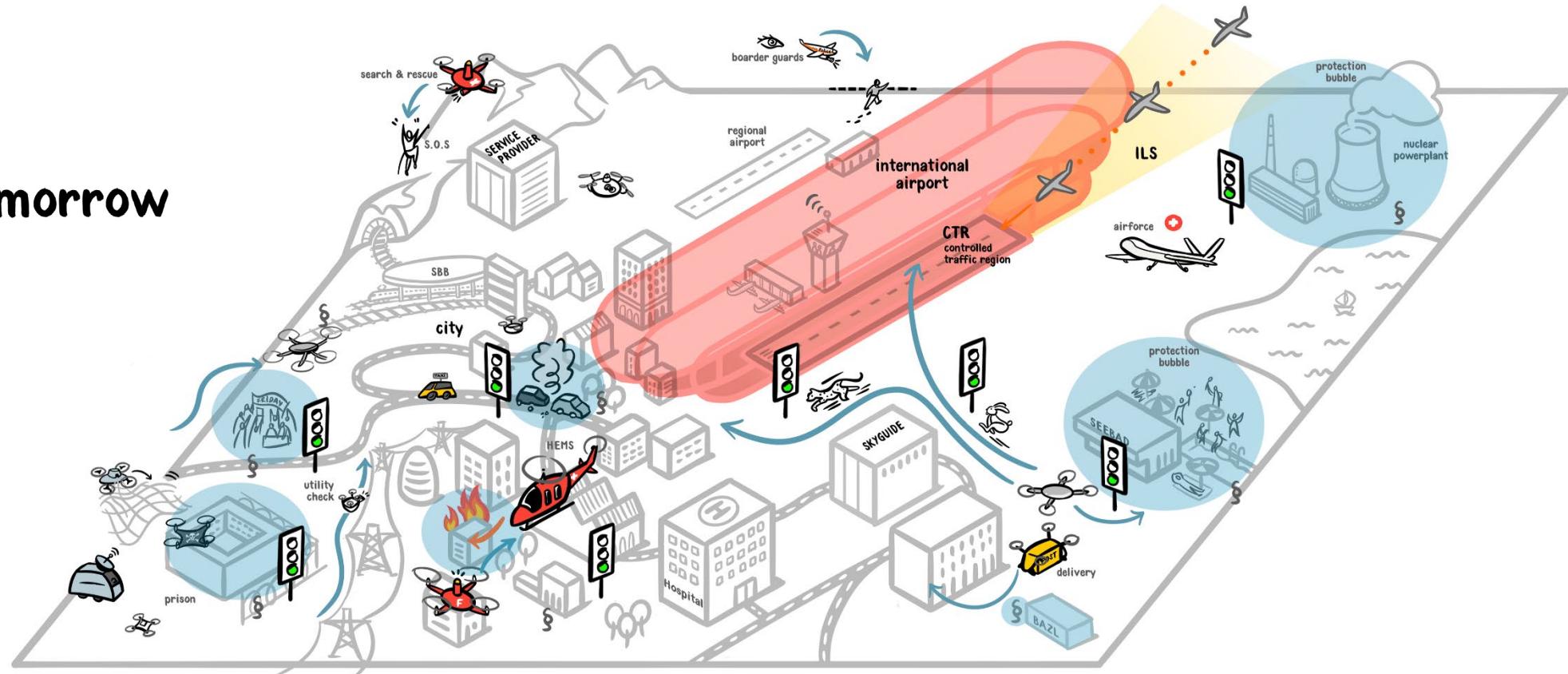
tomorrow



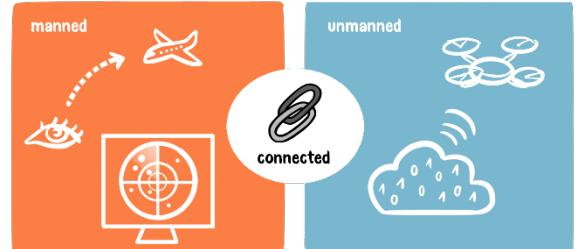
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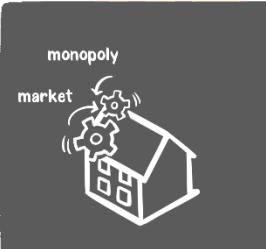
tomorrow



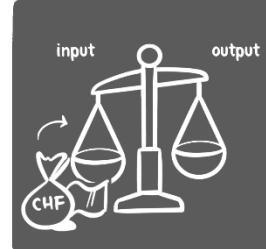
Key Elements



Airspace Management

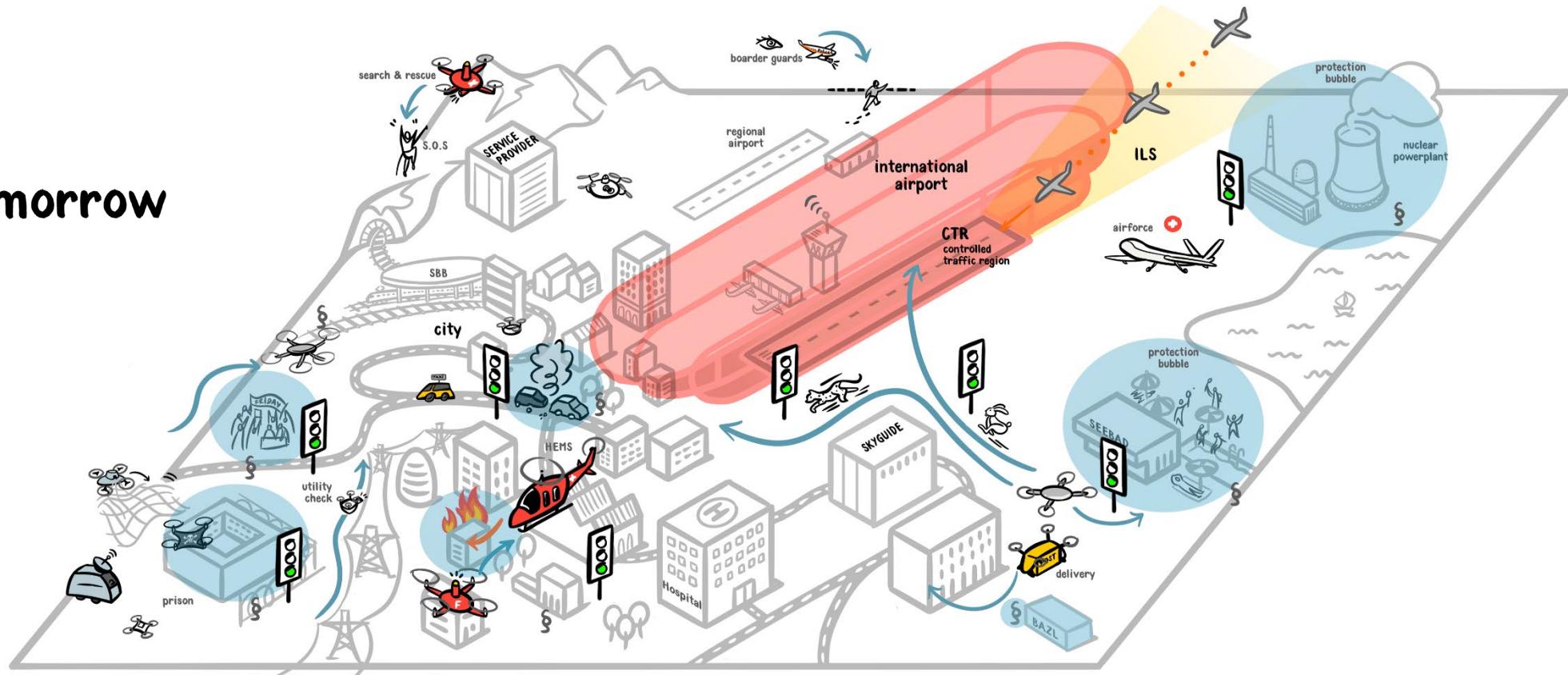


Ecosystem Maturity

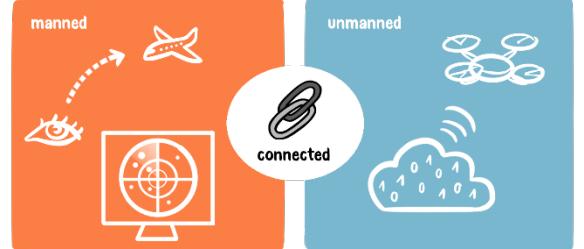


Economic Viability

tomorrow



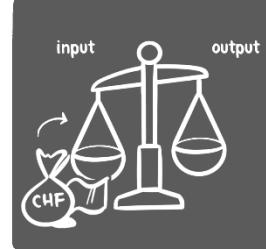
System Elements



Airspace Management



Ecosystem Maturity

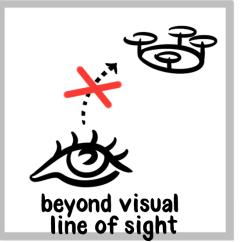


Economic Viability

Stakeholder Elements



drone defend

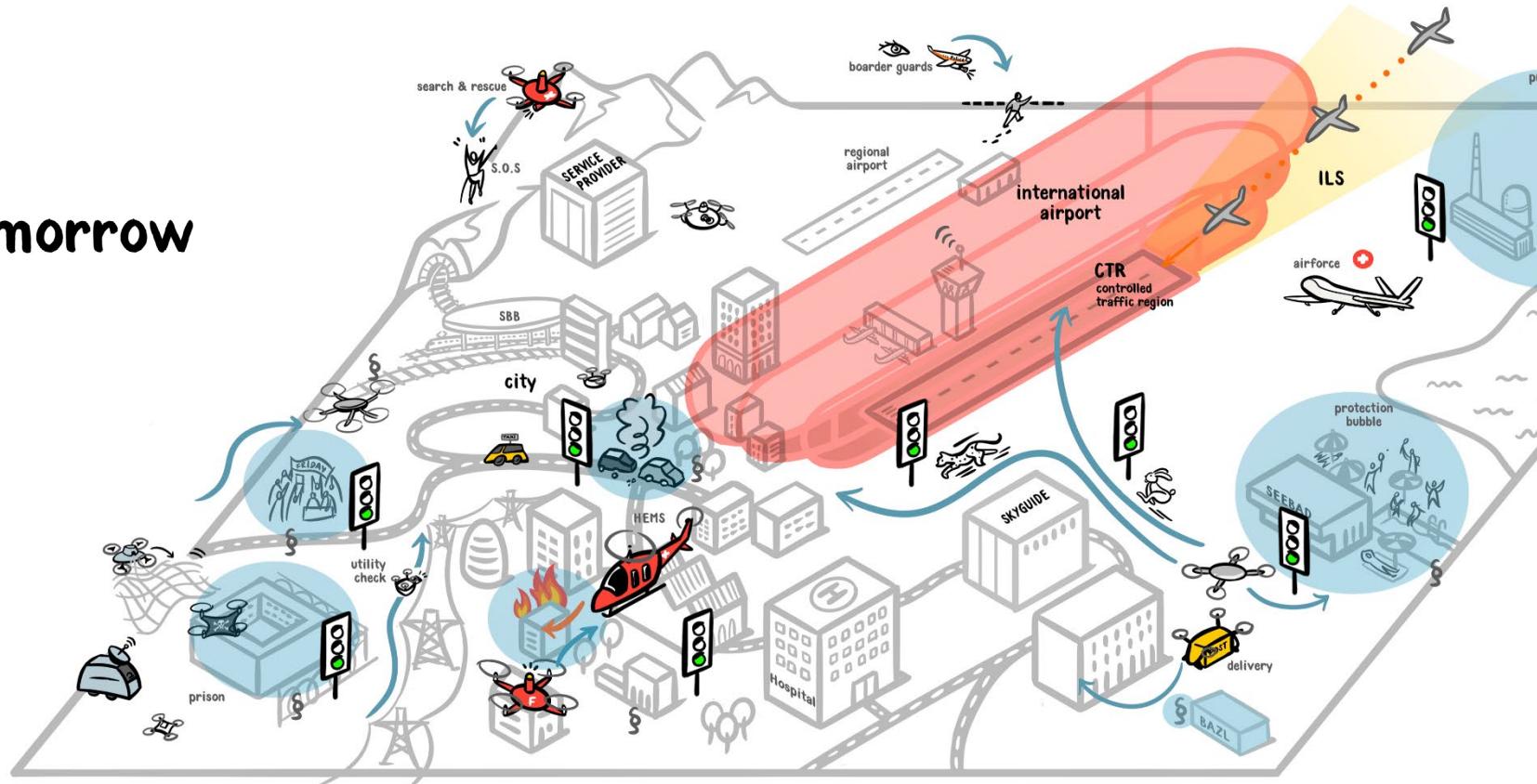


beyond visual
line of sight



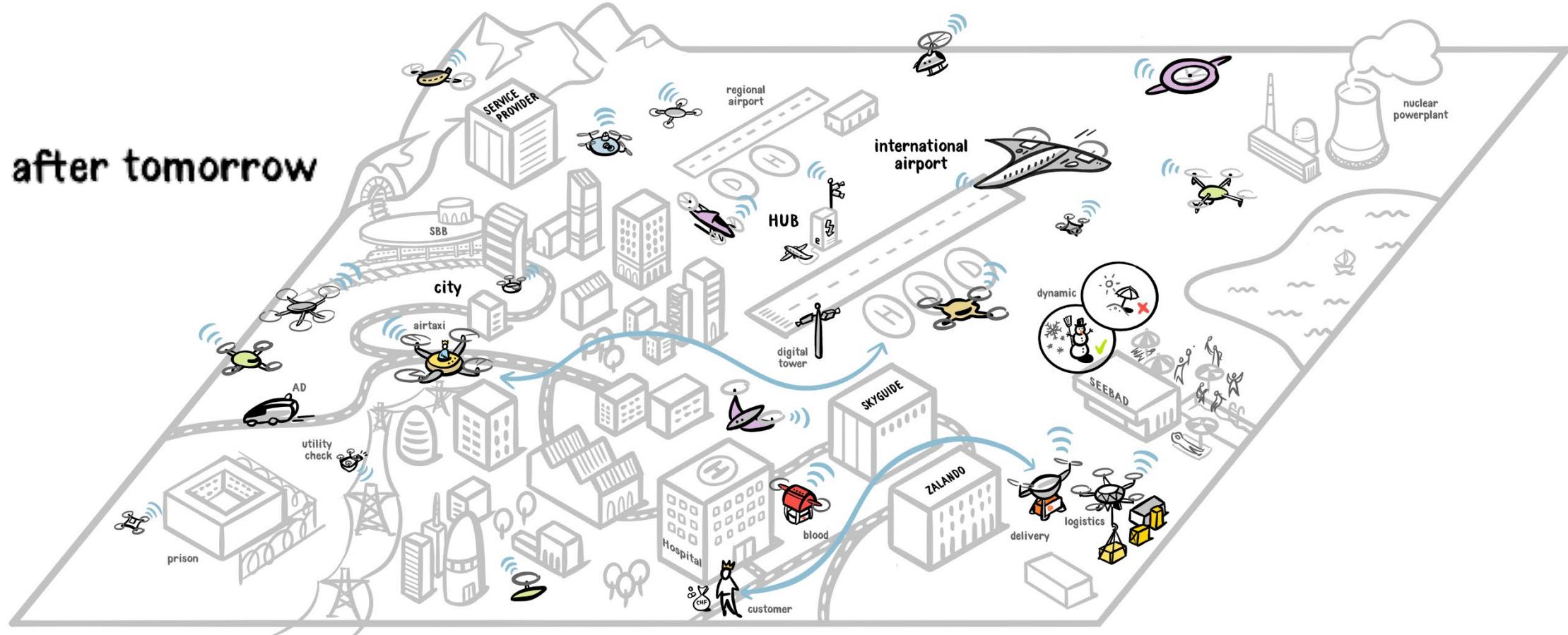
protected areas

tomorrow

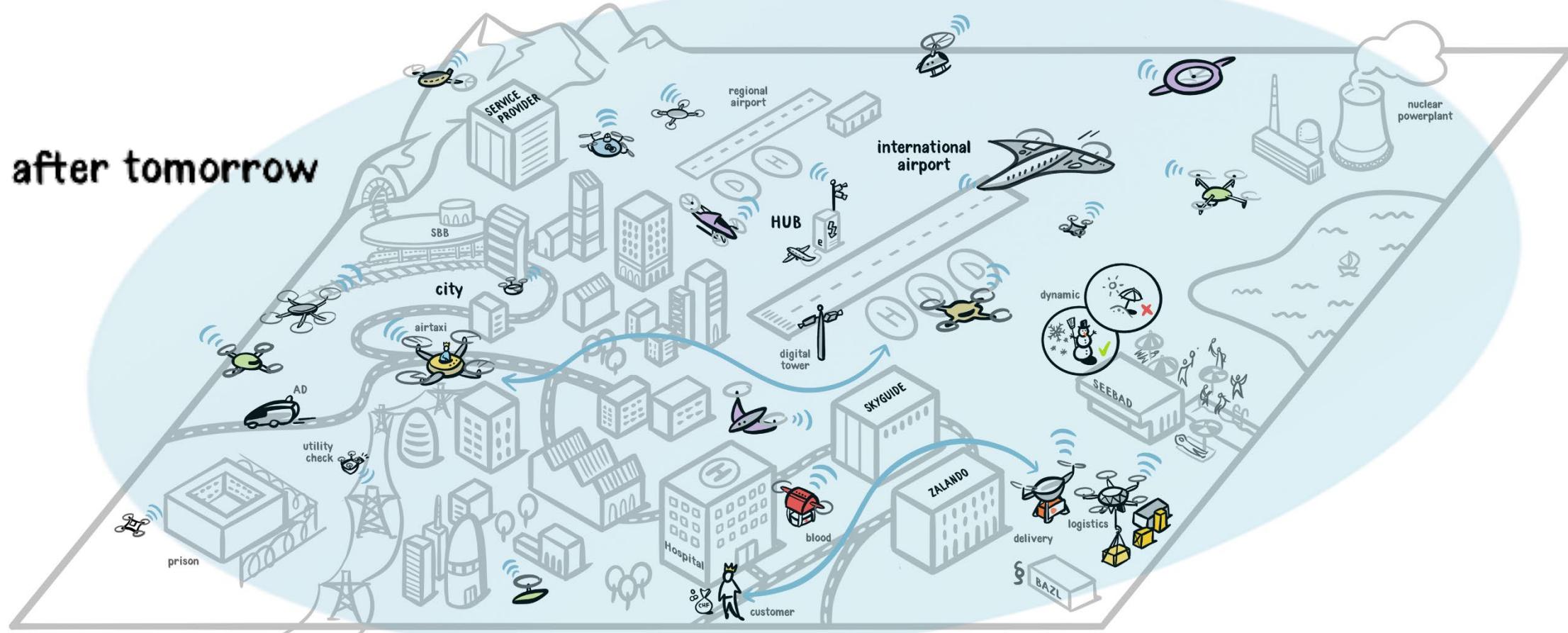


Situation after tomorrow

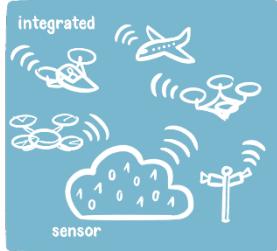
after tomorrow



after tomorrow



Key Elements

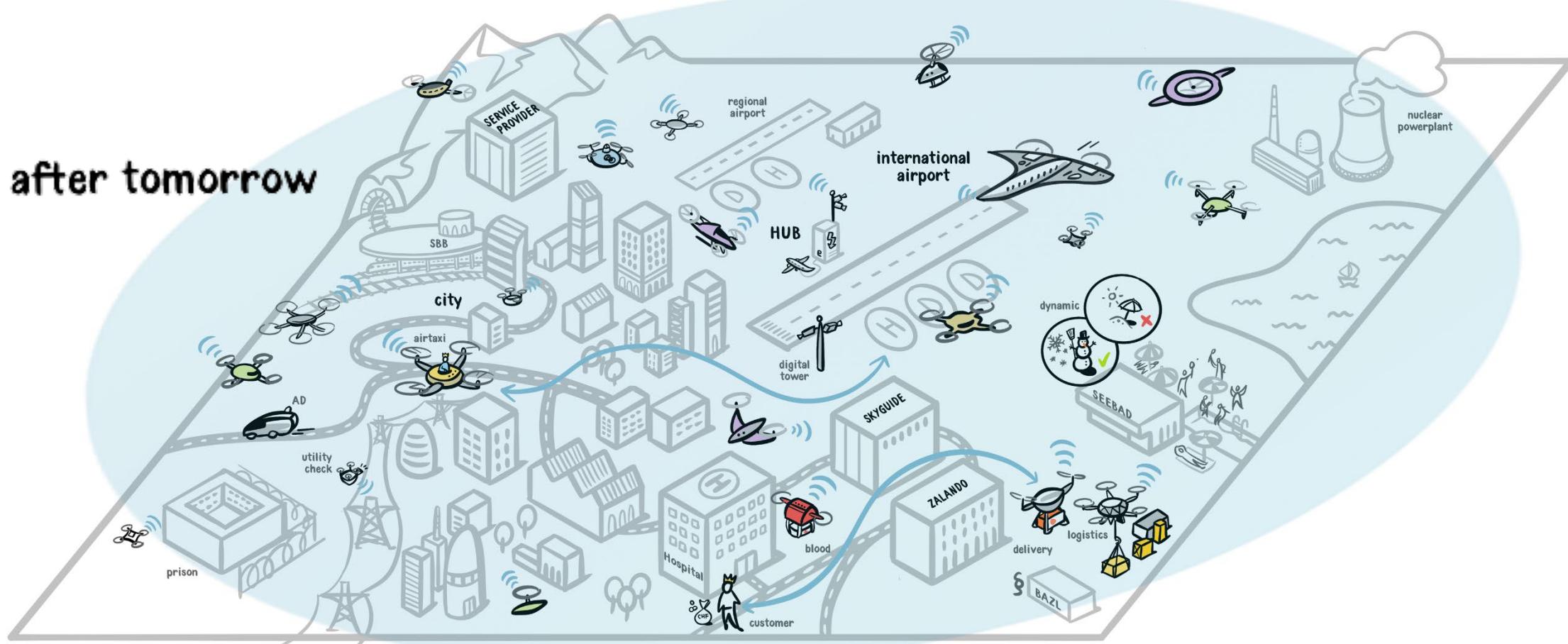


Airspace Management

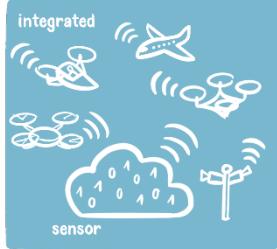
Ecosystem Maturity

Economic Viability

after tomorrow



System Elements



Airspace Management



Ecosystem Maturity

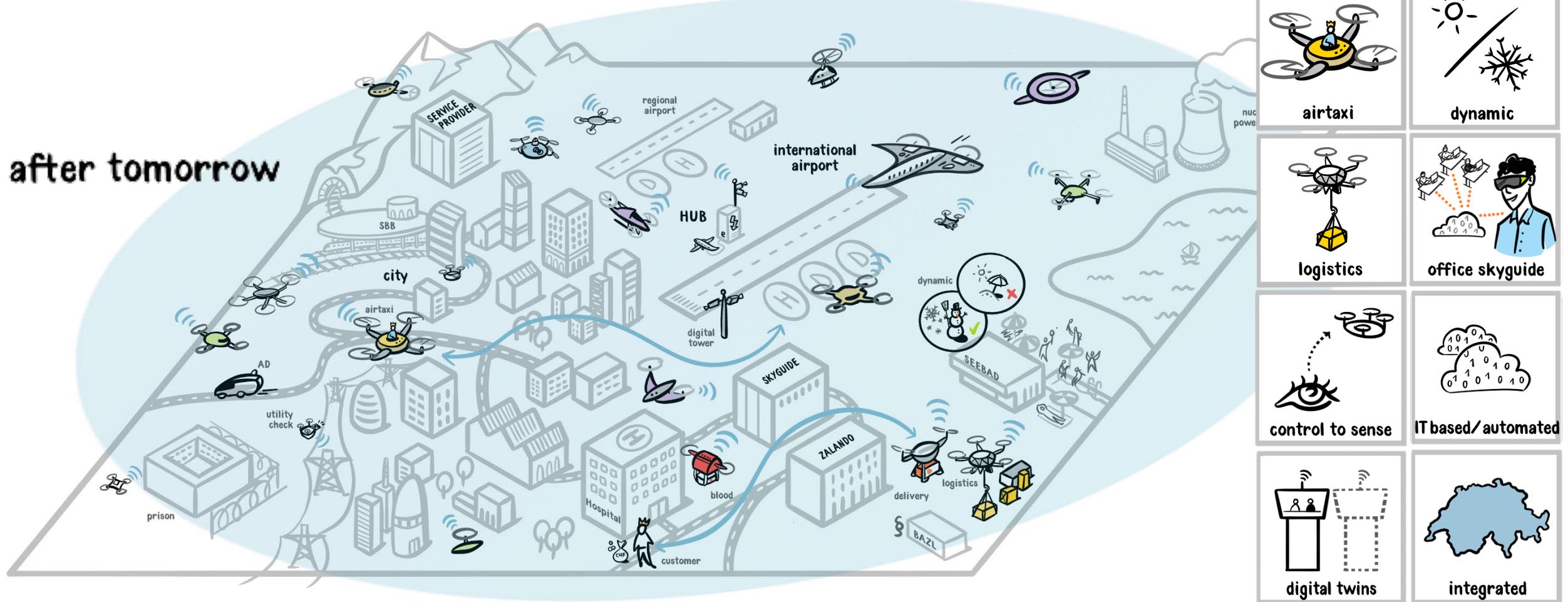


Economic Viability

Stakeholder Elements



intelligent realtime management



Transition from manned protection to fully integrated

