



Federal Ministry
for Digital
and Transport



EU Drone Days

Developing U-Spaces in Germany

European regulation in practice



Dr. Jan Dirks – November 30,
2022



National Drone Policies and Legal Framework



Goals of the Federal Government



European and national legislation towards U-Space



Geographical zones and dipul



U-Space reality laboratory



U-Space in Germany



Solution approach



Goals of the Federal Government





European and National Legislation

§



Regulation (EU) 2018/1139 on common rules of civil aviation



Regulation (EU) 2019/947 on the rules and procedures for the operation of unmanned aircraft



Regulation (EU) 2019/945 on unmanned aircraft systems and on third-country operators of unmanned aircraft systems



Regulation (EU) 2021/664 on a regulatory framework for the U-space



National Law on the adaptation of regulation (EU) 2019/947



Geographical Zones and dipul



(EU) 2019/947: A portion of airspace that facilitates, restricts or excludes UAS operations

§ 21h
Luftverkehrsordnung
(Air Traffic Regulation)
defines geographical
zones

Digital Platform for
Unmanned Aircrafts as
an easy-access-tool as
a single source of truth



U-Space Reality Laboratory



Regulation (EU)
2021/664 provides
framework

Reality lab from
May to November
2021 as blueprint
for implementation

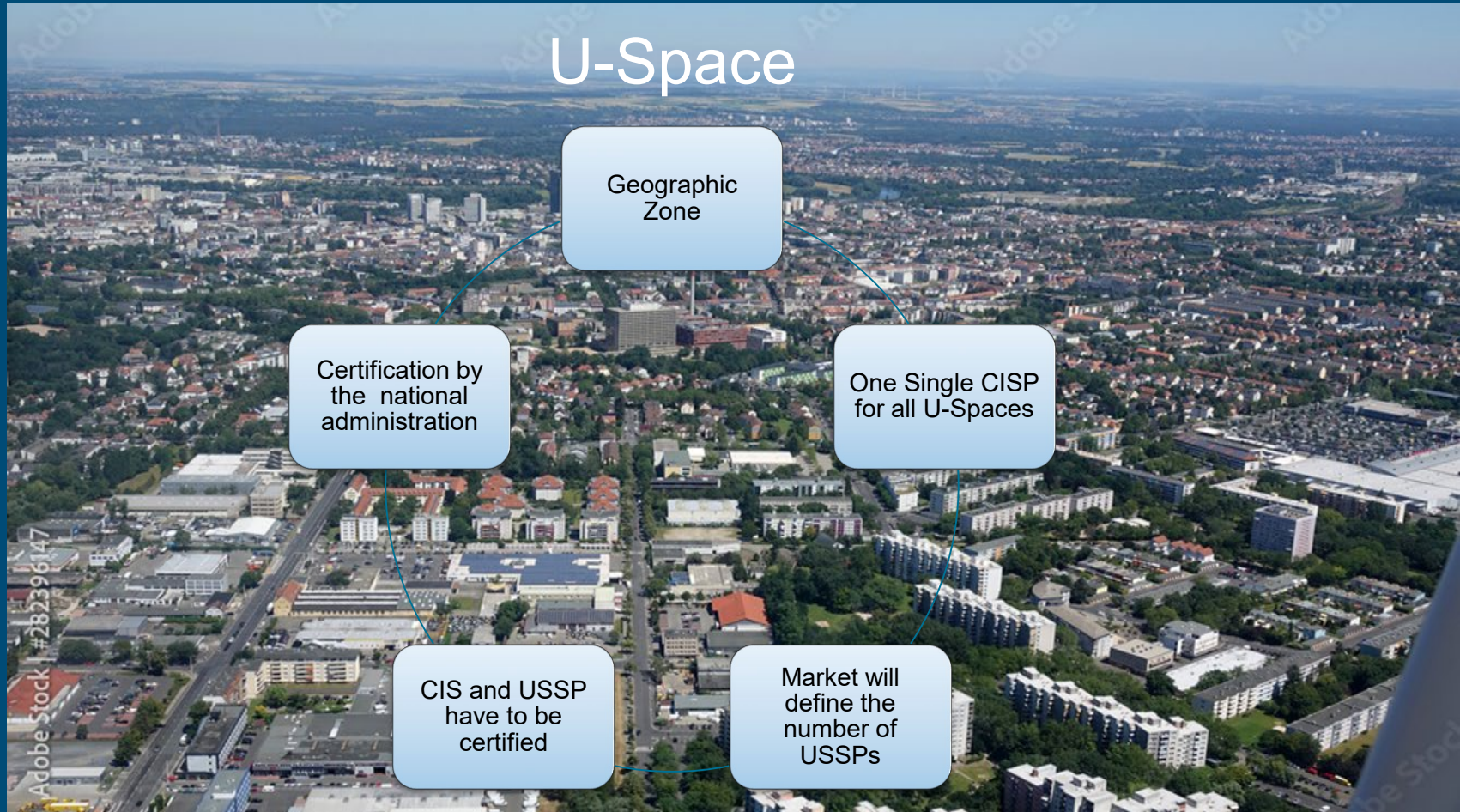
Development of a
concept for the
establishment of
U-space airspaces

Legislative
instrument

Hopefully the first
U-space airspaces



U-Space





Solution approach

