

Presentation by DG MOVE.E – EP TRAN Committee (29/01/2019)
Filip CORNELIS, Director

15. Presentation by the Commission of draft Delegated act on drones for use in the open category



New EASA Basic Regulation (BR) entered into force on 11 September 2018

In line with the empowerment given by the new BR, the Commission has prepared detailed rules covering all unmanned aircraft, irrespective of their weight, to ensure the uniform implementation and compliance with the essential requirements laid down in Articles 55 to 59 of the new BR, as well as with its Annex IX

The draft Delegated Act was prepared with EASA and discussed in the Commission expert groups on drones and aviation safety, in consultation with the industry, aeromodel clubs and associations, as well as privacy and security experts.

The Operation Centric Approach



OPEN

Low risk

NO-PRE APPROVAL

LIMITATIONS : 25 kg;
Visual line of sight (VLOS),
height <120m; system of
zones

3 SUB-CATEGORIES: fly
over, close, far from people

CE MARKING allows for
design requirements



SPECIFIC

Increased risk

Authorisation by NAA
based on specific
operation risk assessment
(SORA)

STANDARD SCENARIOS

Optional concept of
approved operator with
privilege



CERTIFIED

Risk as manned aviation

Certification of UAS and
operator and licenced pilot
(unless autonomous flight)

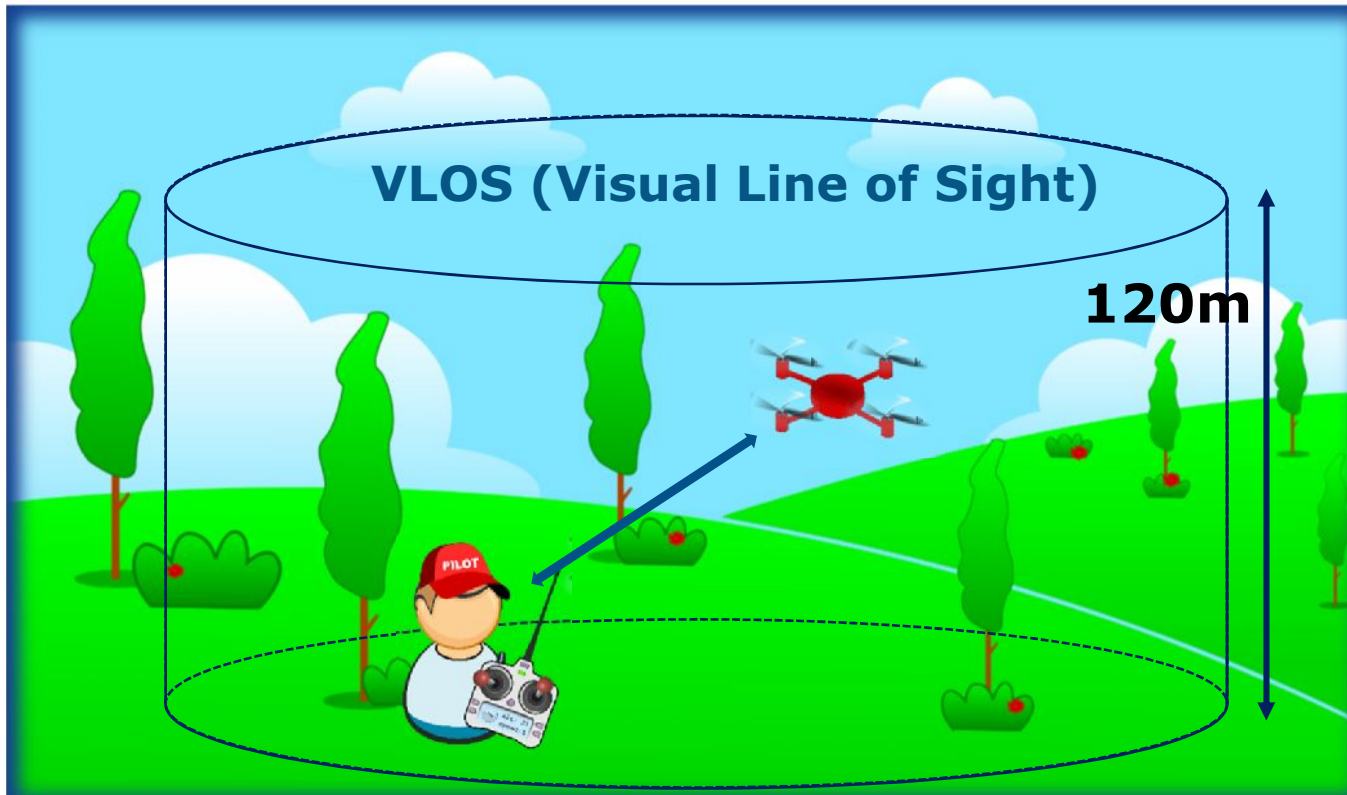
EASA accepts application
in its present remit

Some systems (Datalink,
Detect and Avoid, ...) may
receive an independent
approval



Open category

4



➤ **MTOM < 25 Kg**

➤ **Max. height
above surface:
120 m**

Additional limitations based on operational subcategory:

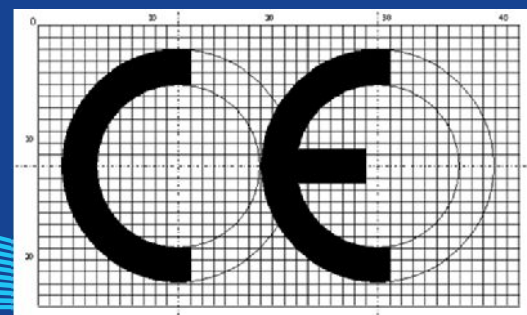
- **A1 fly over people with small UA (MTOM < 900g) but never an assembly of people**
- **A2 fly close to people with UA with MTOM < 4kg**
- **A3 fly far from people**



Community harmonisation legislation

Under EASA Basic Regulation Article 56.6

- Where safety of UA operations can be guaranteed without the application of the certification system, detailed rules shall constitute **Community harmonisation legislation** with conformity assessed through the **CE marking**





EASA working programme for Specific and Certified Category

- PART – ROC (Remote Operator Certificate)
- PART – RPL (Remote Pilot Licence)
- Initial and continuing airworthiness of unmanned aircraft – drones of >150kg already covered
- SERA (Standardised European Rule of the Air to cover unmanned aircraft)
- ATCO Licencing, etc...
- Implementing Act for drone operations
- Standard scenario



@Transport_EU

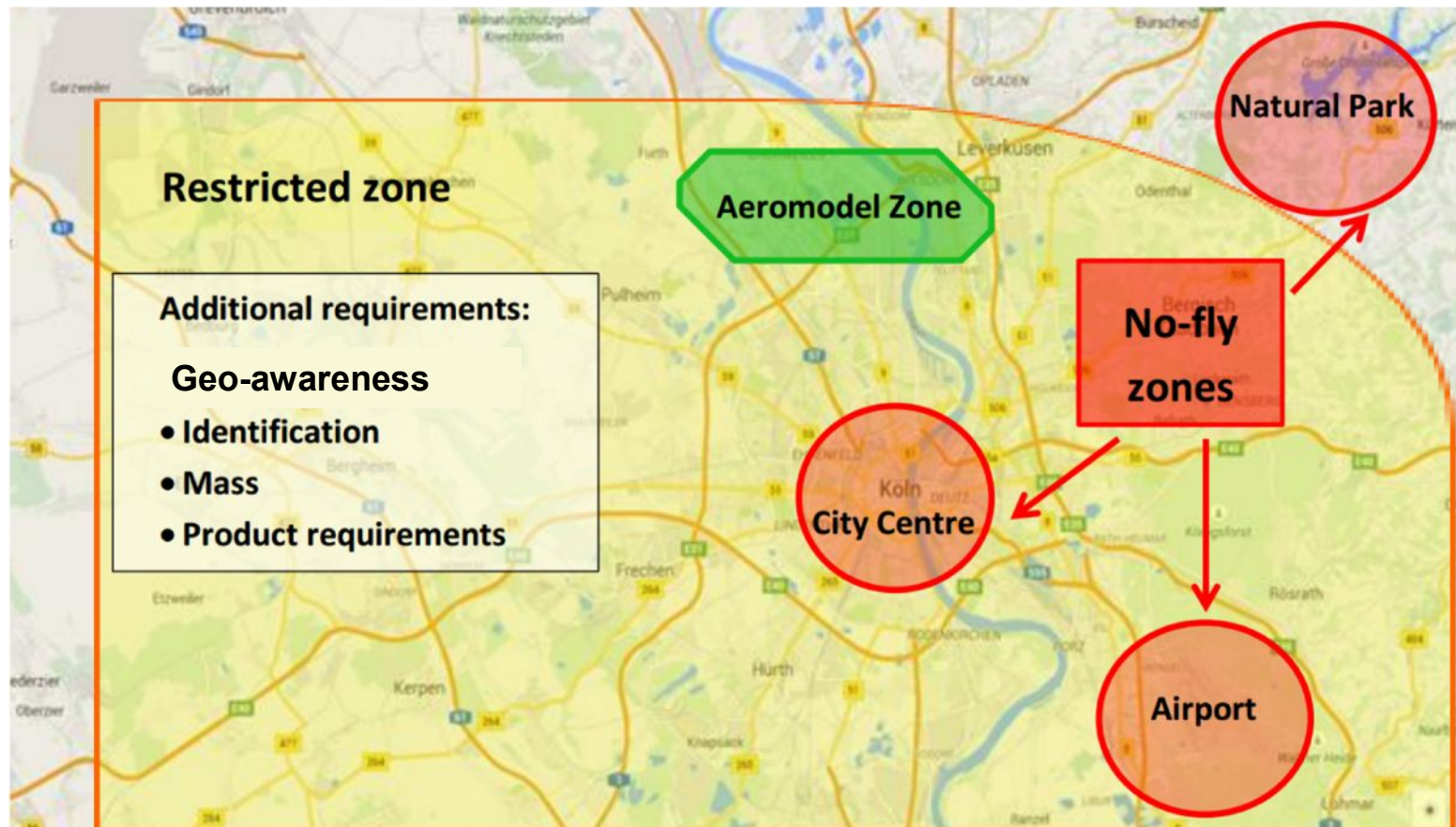
Mobility and
Transport

CONNECTING
EUROPE

Geographical zones

7

European
Commission



Environment and Noise level

Providing citizens with a high level of noise protection

- Be powered by electricity
- Maximum noise levels, based on the current industry state-of-art
- Staged improvements for later phases
- Specific noise test code developped for hovering UAS, based on standards

