

Regulatory framework in the EU

– where to focus?



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A completely new task for EU-regulation

15 km



1 %

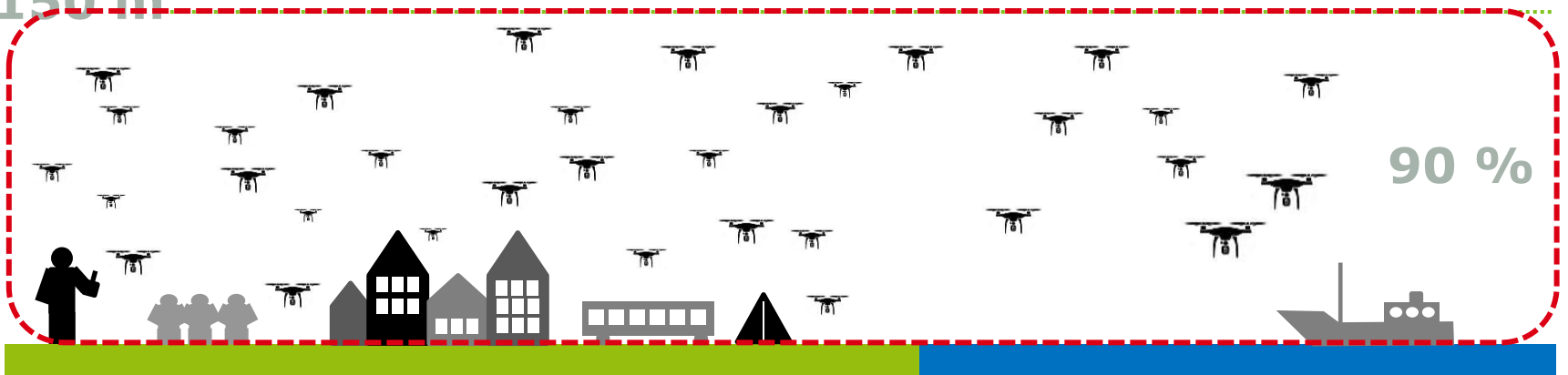
1500 m



9 %



150 m



90 %

Estimate of drones population by Beihang University, China

www.tbst.dk

What should EU regulate?



- EU product standards on small drones
 - Hardware/software product parts (radio frequencies, Geolimitation, DroneID...)
 - Pilot competences for various drone classes => harmonised "drivers licenses" for small drone operations
 - Principles for traffic rules (sound warning? use of lights? etc.)
- **Urgent:** Geolimitation (data standards), DroneID (standards)
- Assisting European industry: Can we define a safe drone standard for urban flying (flying over crowds)?



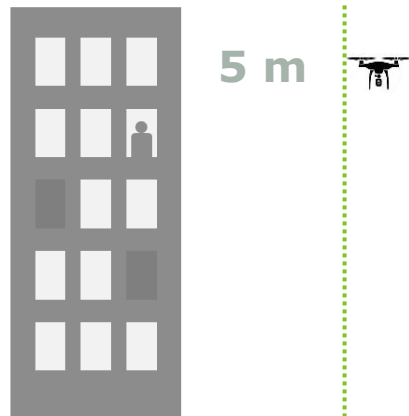
Who can do the job fast and competent: CEN/CENELEC? Eurocae? JARUS?

Decision by DG MOVE and DG GROW soon!

National regulation



- National traffic rules and zoning – it works well in road traffic, why not with drones?
- National co-decision gives responsibility and support to drones!
- OK to national variations for testing or to protect privacy – strong sentiments!



Conclusions: Do the same as with cars!

- **EU regulation needed on**

- Classification and product standards for drones, geolimitation (data standards) and electronicID (standards)
- Pilot competences for various drone classes
- Principles for traffic rules

- **National regulation**

- Specific traffic rules (relation to surface traffic, housing, for testing etc.)
- Placing and use of zones
- Enforcement and sanctions

