

# Unmanned in the Air



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Bellinzona, October 2016



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# Definitions



Let's talk about drones

# Drone



1. A stingless male bee (honeybee) that has the role of mating with the queen and does not gather nectar or pollen
2. One that lives on the labors of others  
→ parasite
3. **An unmanned aircraft or ship guided by remote control or onboard computers**

(Source: Merriam-Webster's Dictionary)

# UAV

Unmanned  
Aerial  
Vehicle



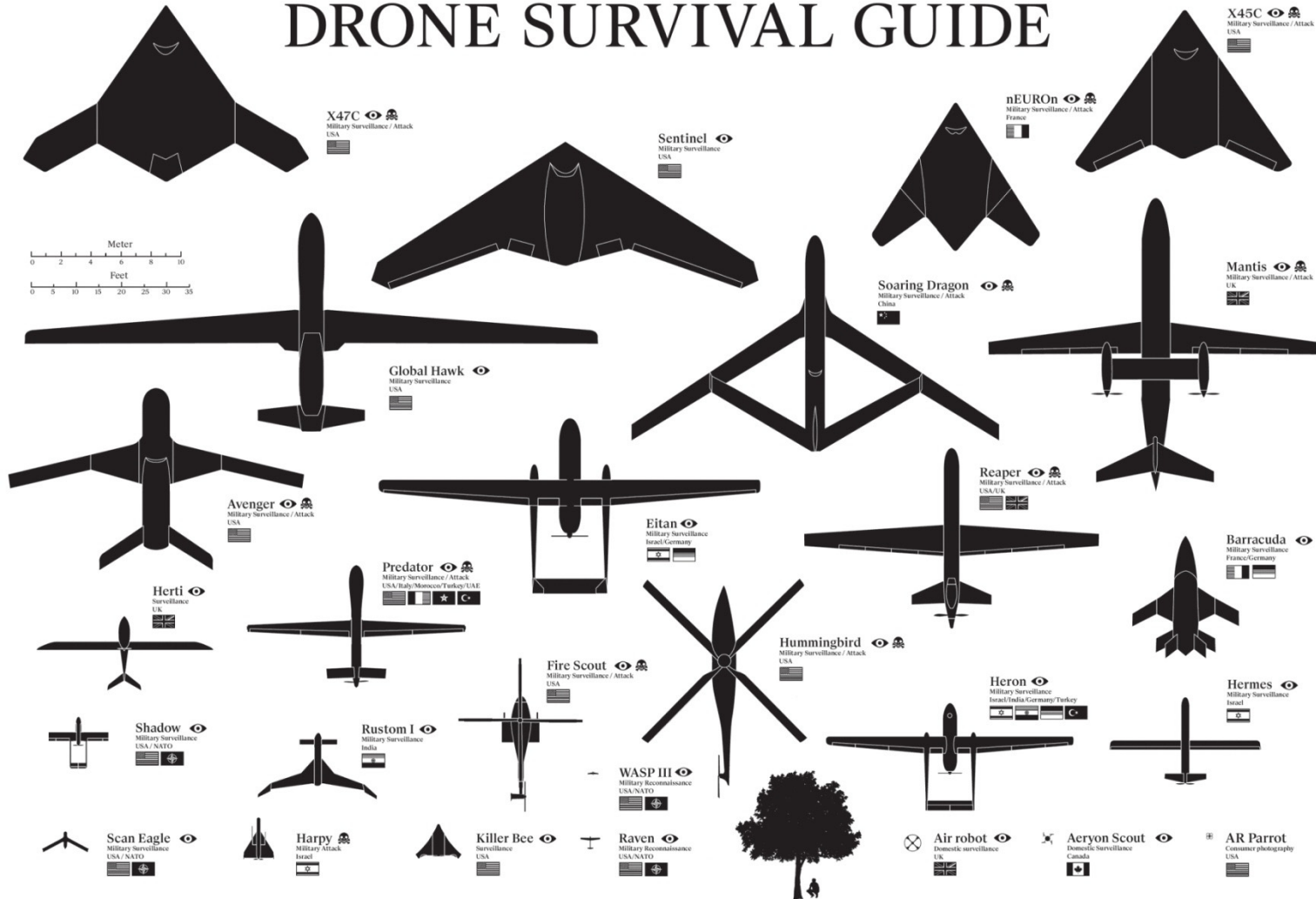
# RPAS

Remotely  
Piloted  
Aircraft  
System



FOR UNOFFICIAL USE ONLY (FUUO)

# DRONE SURVIVAL GUIDE



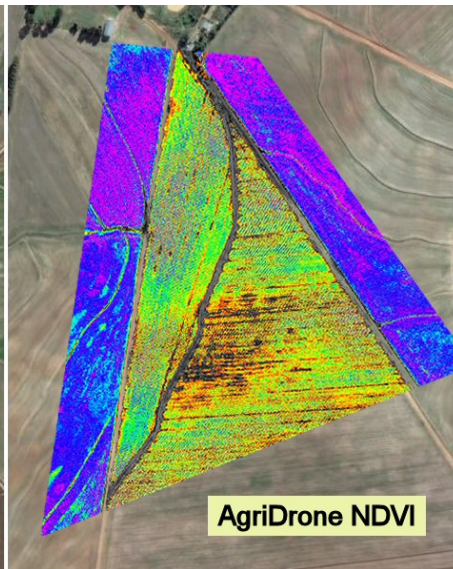
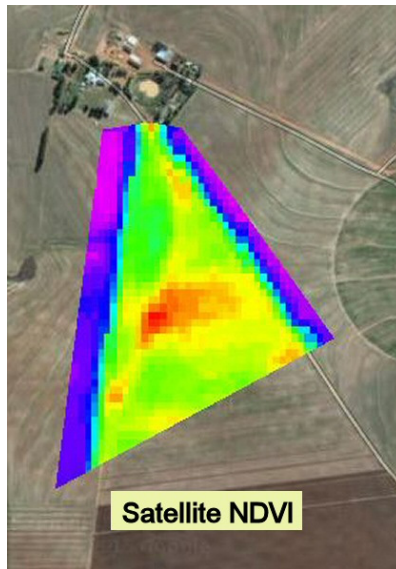
# Examples



Let's see some drone applications



# Agriculture



# Inspection



# More Examples

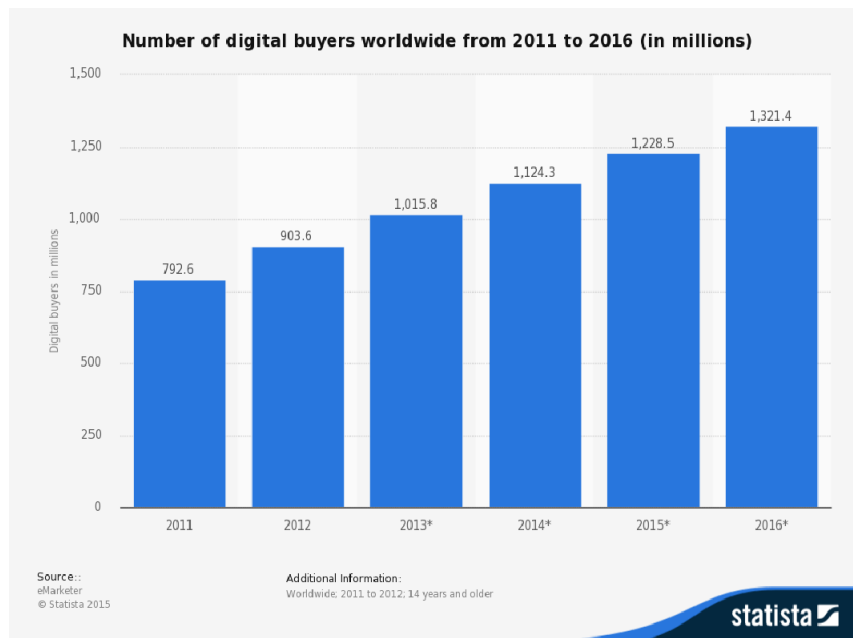


# Opportunity



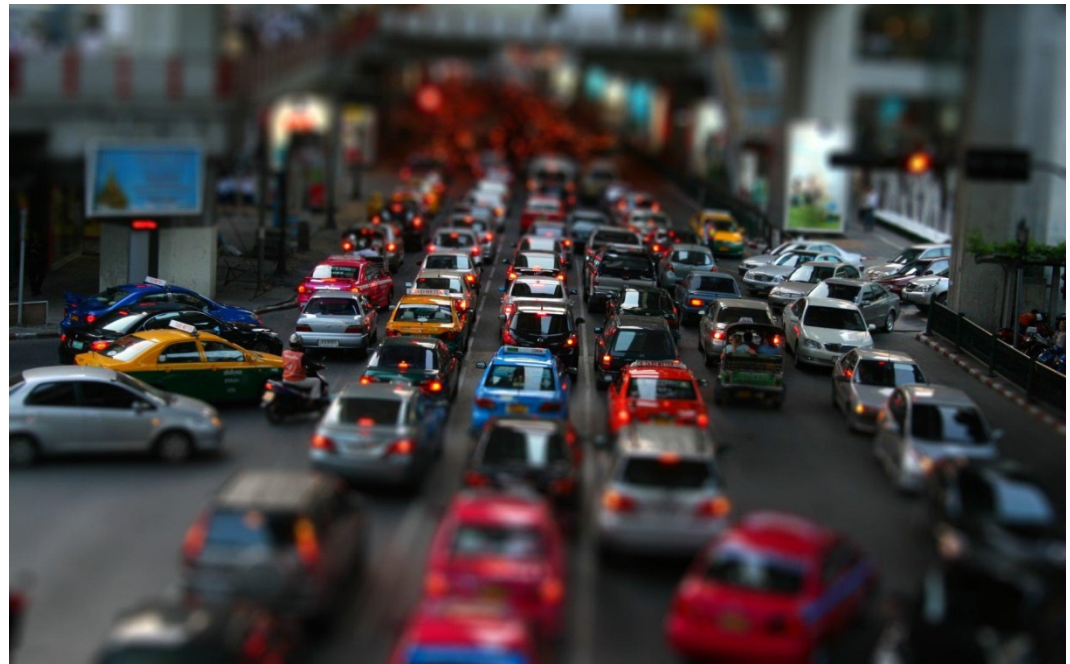
Let's talk about a market worth at least \$13 Bn (Source pwc Mai 2016)

# Requirement





# Issue



# Solution



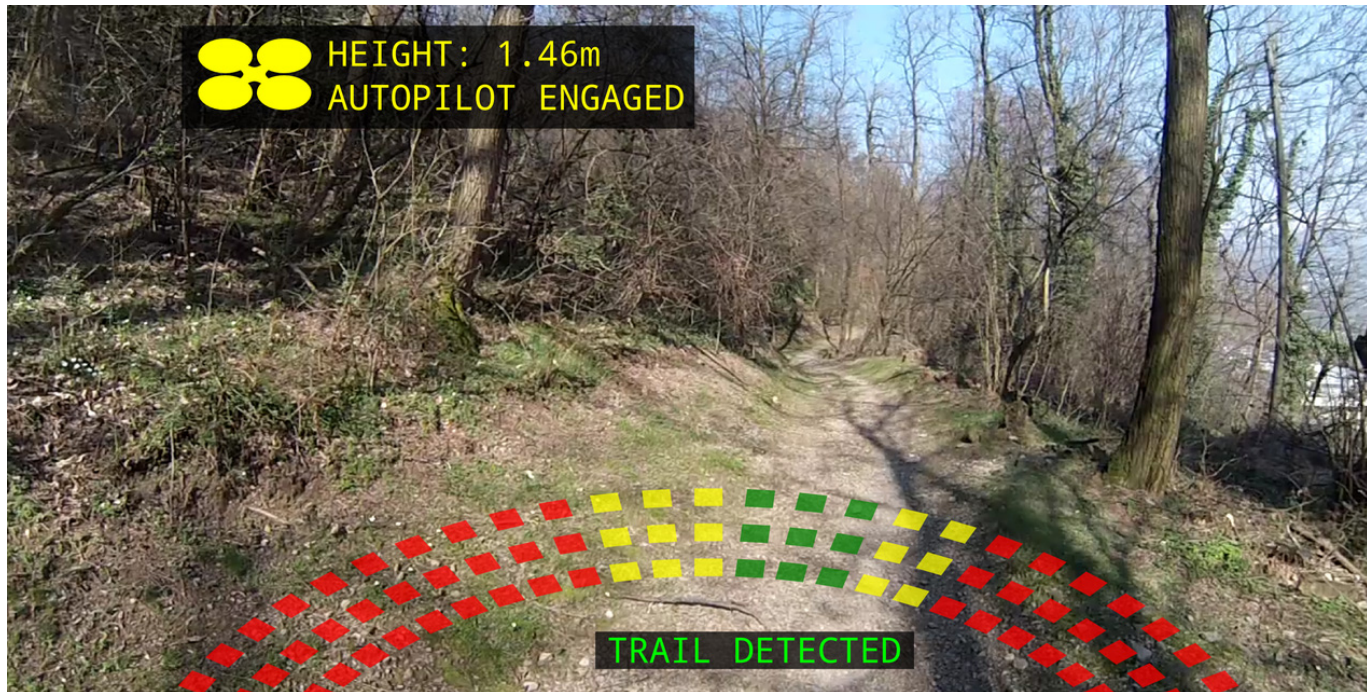
# Challenges



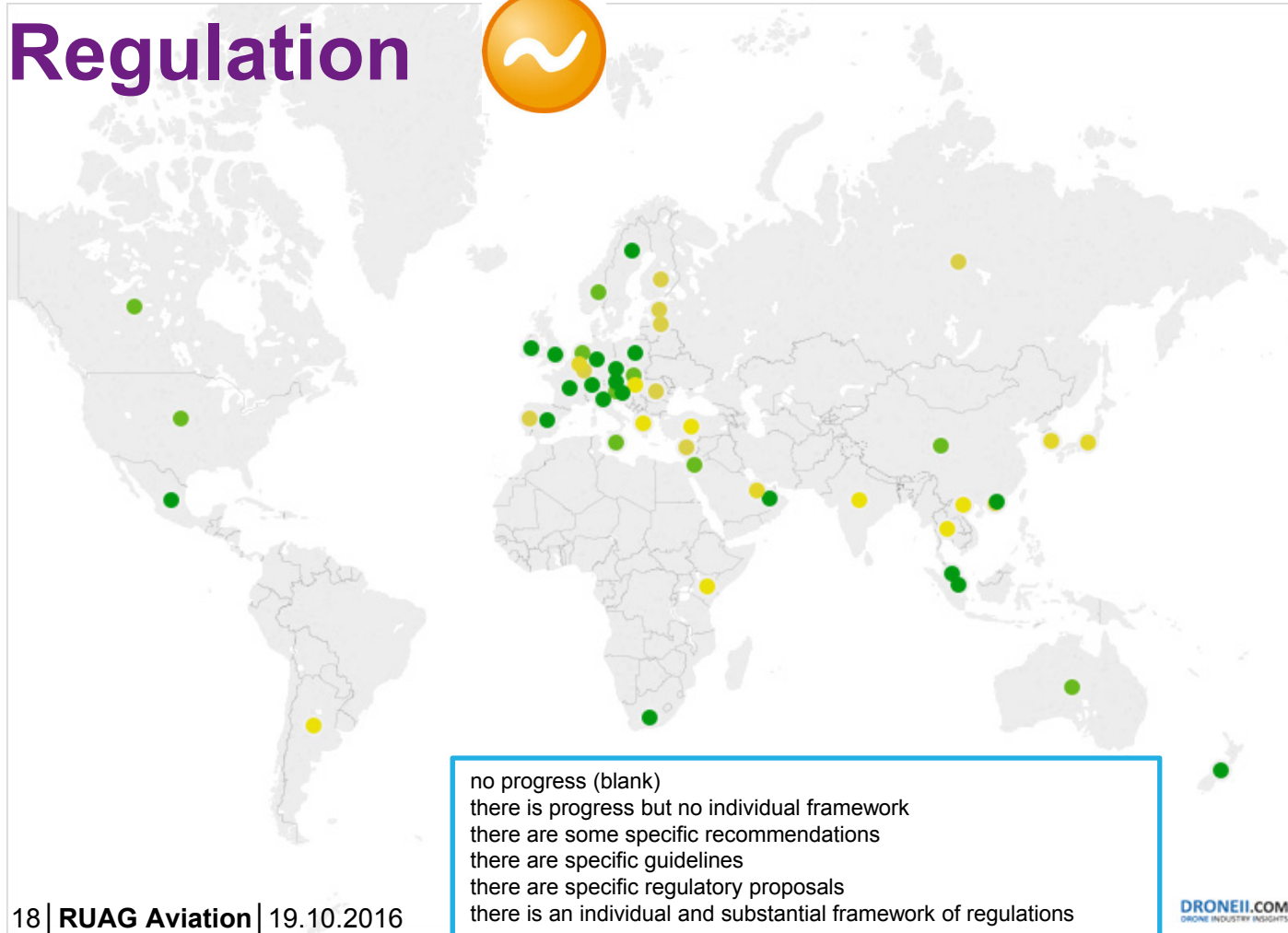
Let's analyze why we are not yet there



# Technology

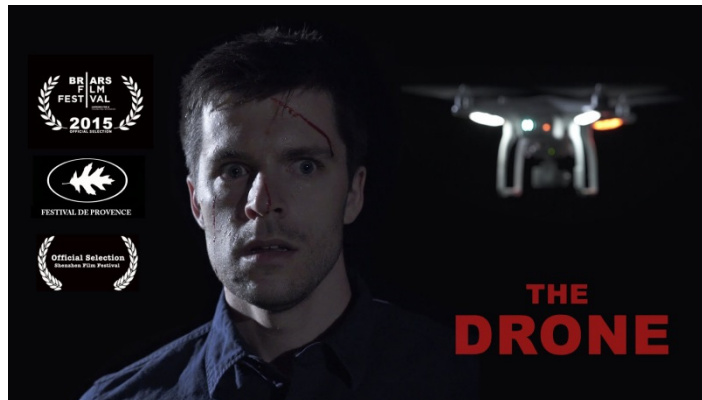


# Regulation



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# Public Acceptance



# Future Mobility Applications



Let's think about possible future scenarios

# Small Logistic

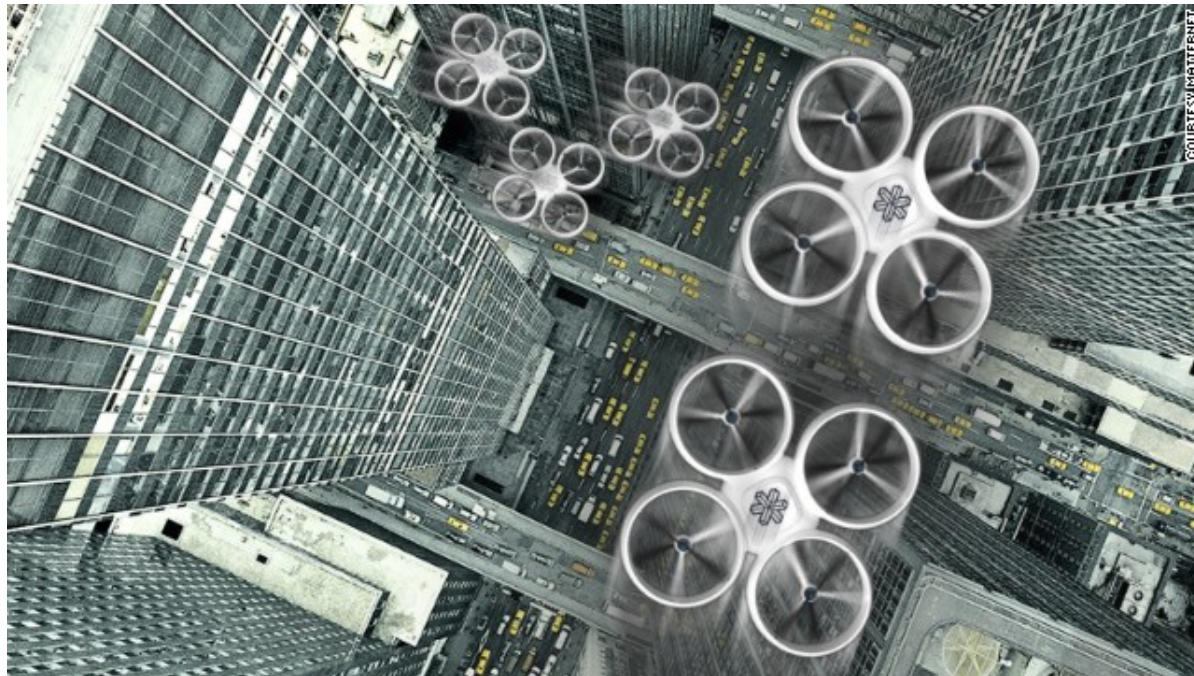




# Passenger UAV



# Smart Cities



# Discussion



*What do you think ?*



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Thank you for your attention!