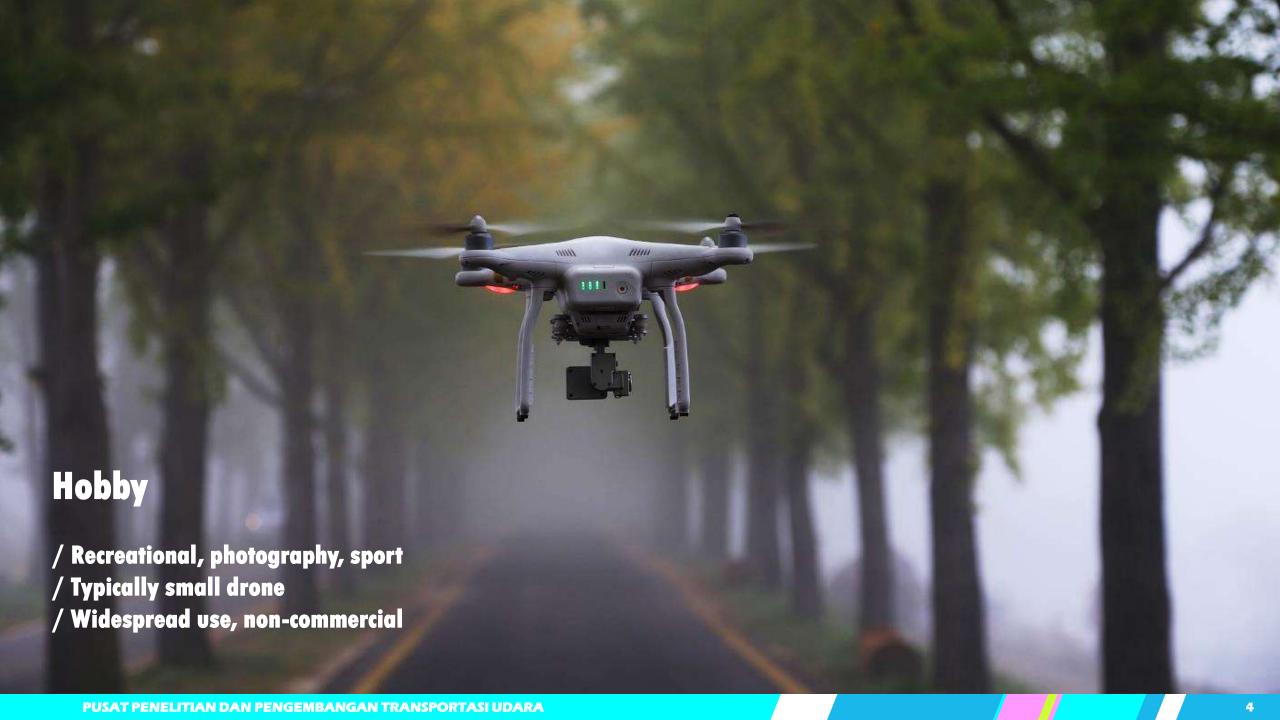


ANTICIPATING THE DRONES PROGRESSION THROUGH EFFECTIVE POLICY-MAKING

Today and in the Future













Beyond Expectation Beyond Regulation

Incremental Expansion on Regulatory Framework

where are we know?

```
/ Small UAS and Restricted RPAS
/ Limited operations
/ O certified operator,
compared to other countries:
// FAA
119.837 remote pilot certificates
// CASA
10.999 remote pilot licenses
1.504 remote operator certificates
```

integrated operations expanded operations operations over people PM 180/2015 **part 107**

low risk, small drone, VLOS, isolated



The Challenges

- / To implement full risk-based and effective regulatory framework
 - // integrated but not all-inclusive regulatory solution
- / Allows for flexibility in innovation in drone industry
 - // partnering with industry





- / Drone registration
- / Pilot licence
- / Operator certificate



- / Use of airspace
- / Operation permission and procedures
- / Surveillance

DNP

DKUPPU

DAU



- / Business plan
- / Non-airline operator
- / Fleet size



- / Security check
- / Equipment and personnel

DKP

DBU



- / Airport facilities
- / Outside airport area

Layer 2: Opportunity Created

Pilot Hiring



/ Remote pilot training centre
/ Rating procedures



Tech Industry



Drone production
Maintenance works

Layer 3: Public Interest



Worldwide Progression





Get real-time alerts if your flight is approaching or intersecting regulated or restricted airspace.

Steps that are being Carried out

/ Collaboration efforts
/ UAS traffic management
/ Involvement of local governments

/ Geofencing
/ Mobile app
/ Safety promotion and education



Drone that Succeed

"Wing, an initiative of Google's parent company Alphabet, has received Air Carrier Certification from the Federal Aviation Administration"

- / Wing Aviation LLC, its company name, wins approval both from FAA and CASA
- / Extensive testing from 18 months trial with more than 70.000 test flights and 3.000 deliveries in Australia
- / Serve as commercial delivery drone from local business to households, operate over North Canberra (Aus) and Blacksburg and Christiansburg of Virginia (USA)

We can Do it Better when We Know it Better