

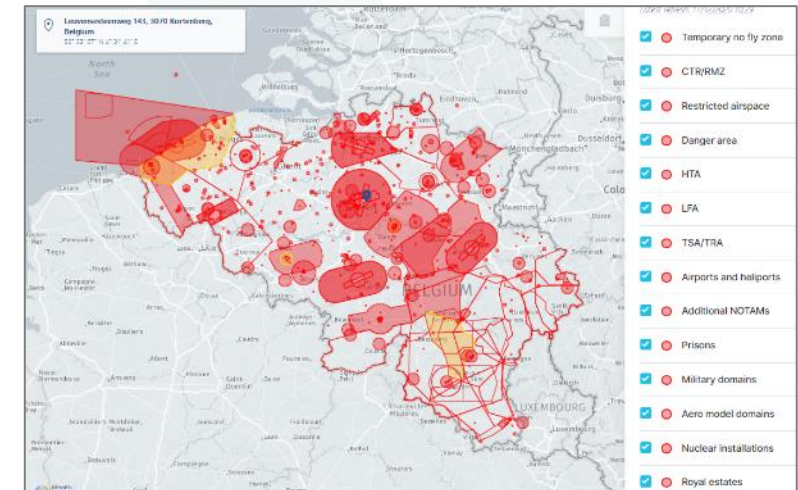
2 GEOZONES



THREE CATEGORIES DRONE OF FLIGHT



What ever the category you fly in
(each with their own generic rules and requirements
which apply everywhere)
ALWAYS make sure you **ALSO** comply
with
the **Geo-Zone requirements**



GEO-ZONES

! ALL FLIGHT CATEGORIES NEED TO COMPLY !
OPEN / SPECIFIC / CERTIFIED

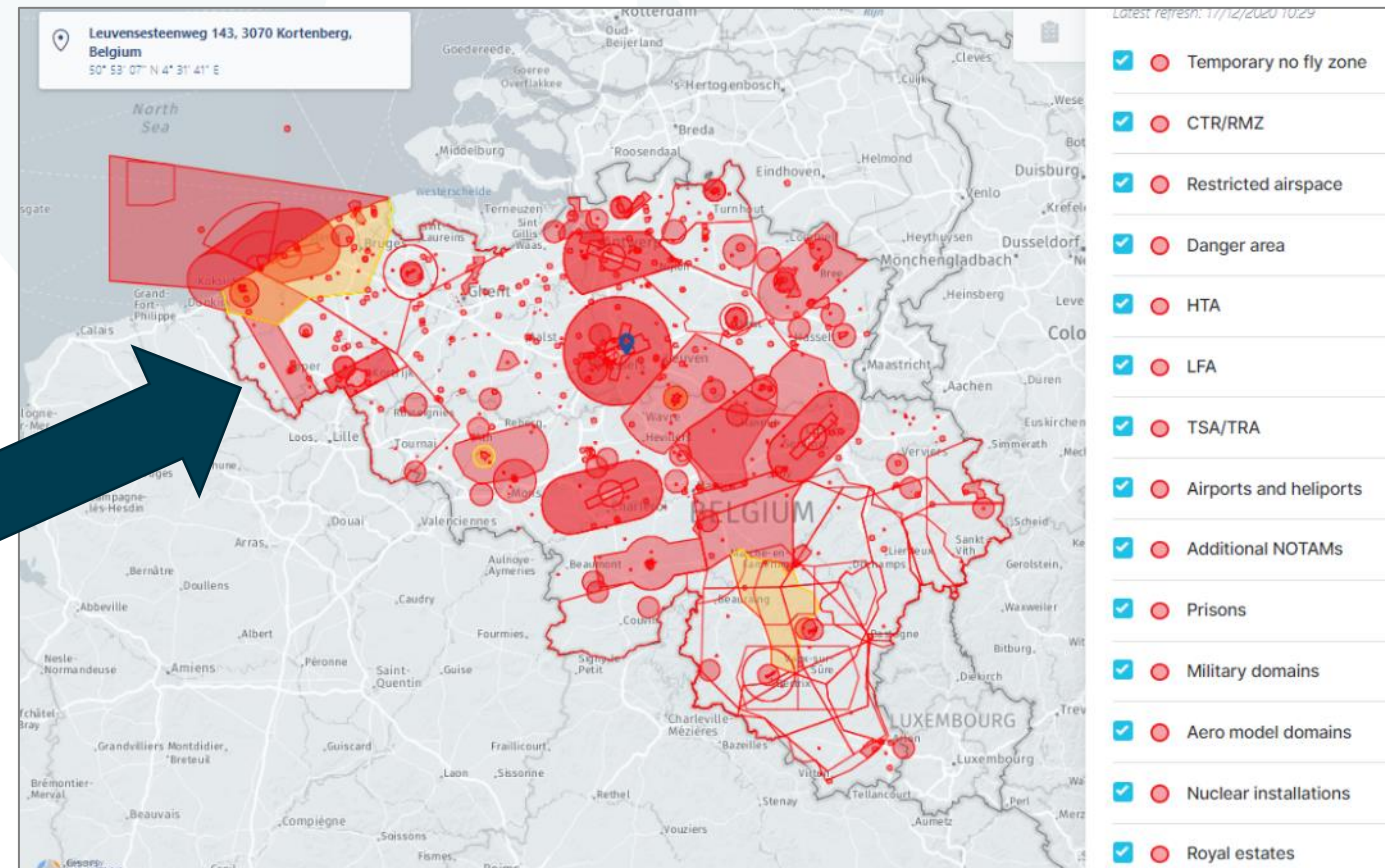
- Nationally defined
- Deviations from the general rules for reasons of safety, security, environment or privacy

new map on map.droneguide.be
(including NOTAM parsing)

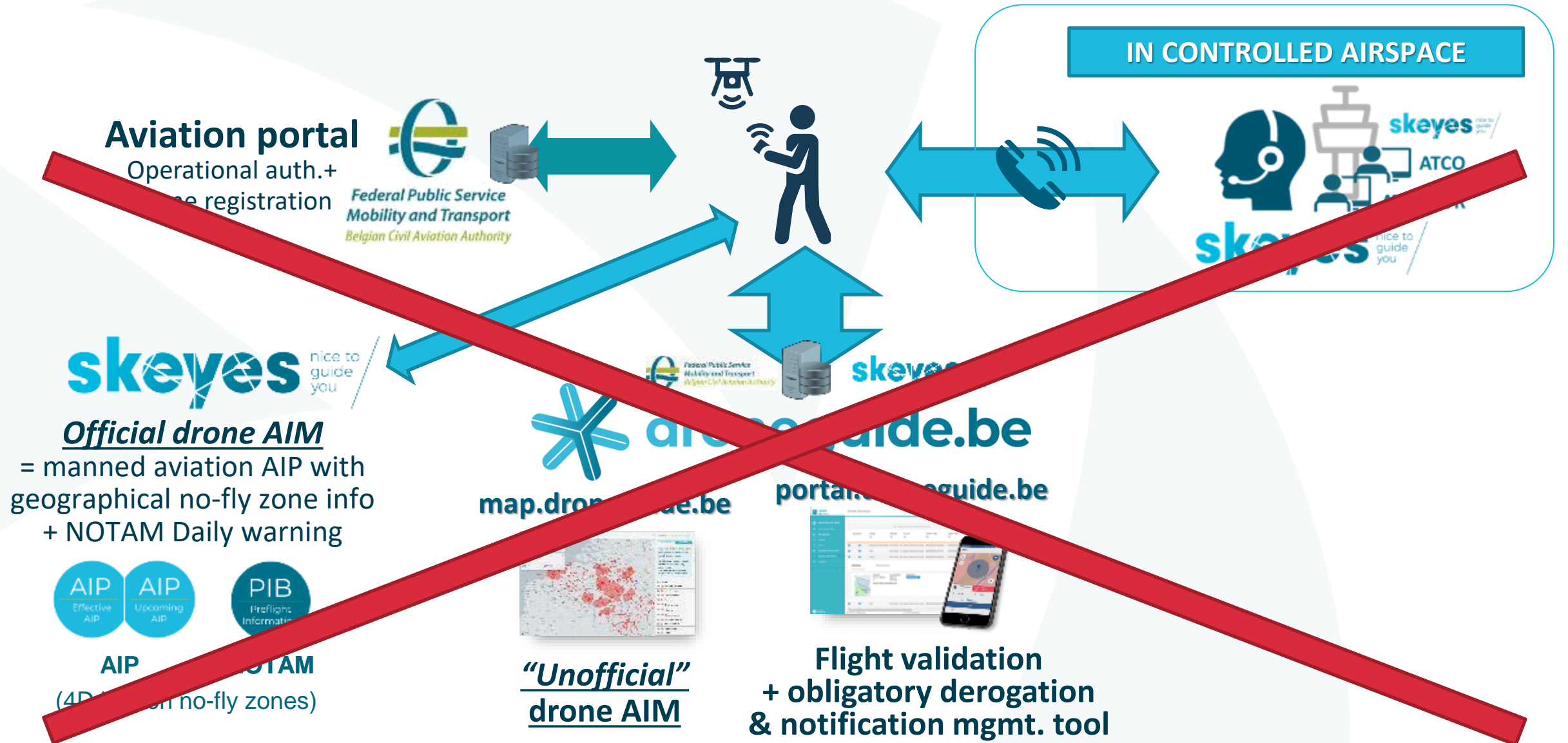
Each zone has its own
do's-and-don'ts

e.g.

- Only certain drones allowed
- Flight authorisation required
- Only fly up to 10m
- Complete no-fly zone



DECEMBER 31st 2020



As of December 31st

Aviation portal
Operator registration



As of December 31st : **STEP 1** before each flight

Aviation portal
Operator registration



Official new GeoZone
publication tool
(including NOTAM parsing)

<https://map.droneguide.be>



TO DO:
Check on that map which GeoZones overlap with
YOUR FLIGHTPLAN
and list all of them
in **YOUR LIST** of relevant GeoZones.



You will have to comply with ALL additional rules they
EACH impose.

How do you get to know what those are?

As of December 31st : **STEP 2** before each flight

Aviation portal
Operator registration



For each GeoZone on YOUR LIST
you will have to go and see who
the GeoZone Manager
is and what extra rules he
imposes

Go and check

<https://es.mobilit.fgov.be/geozones/>
for each relevant GeoZone

Official new GeoZone
publication tool

(including NOTAM parsing)

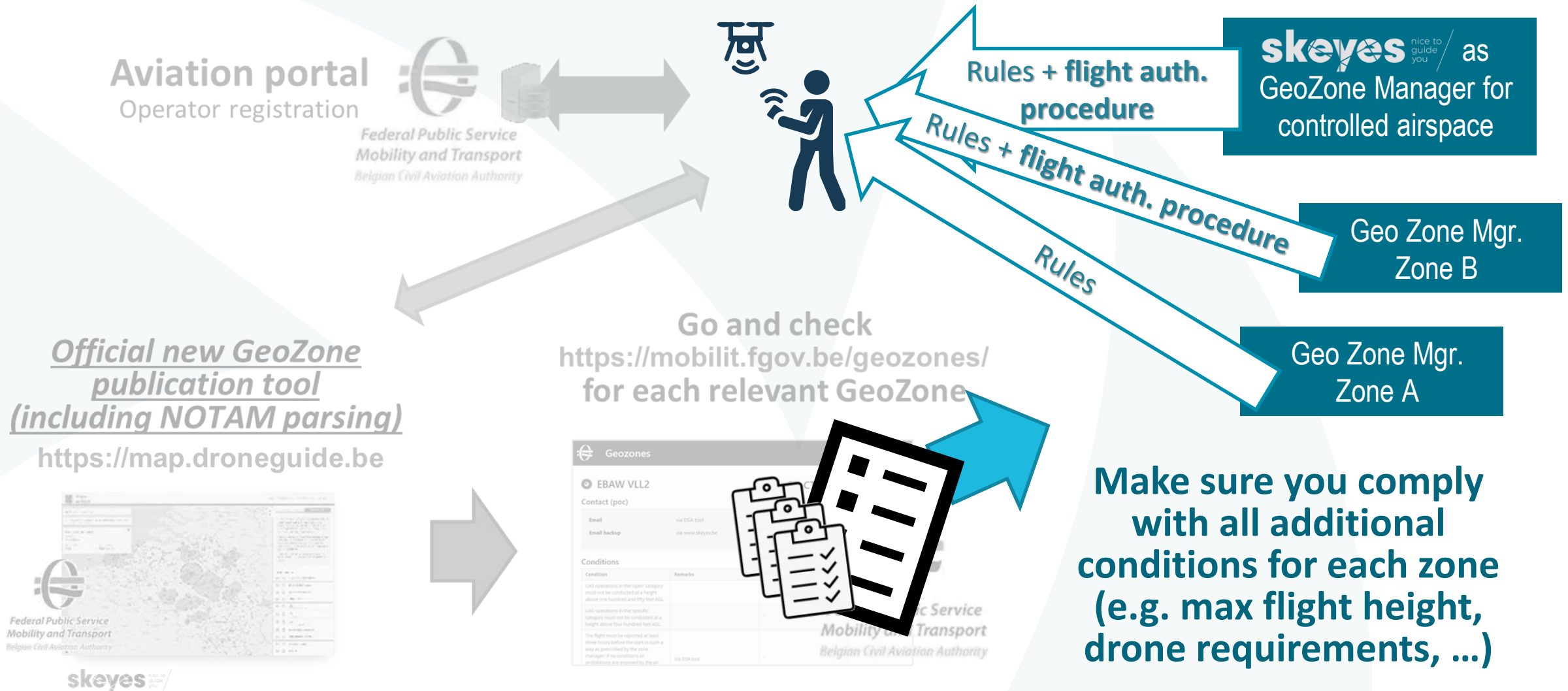
<https://map.droneguide.be>



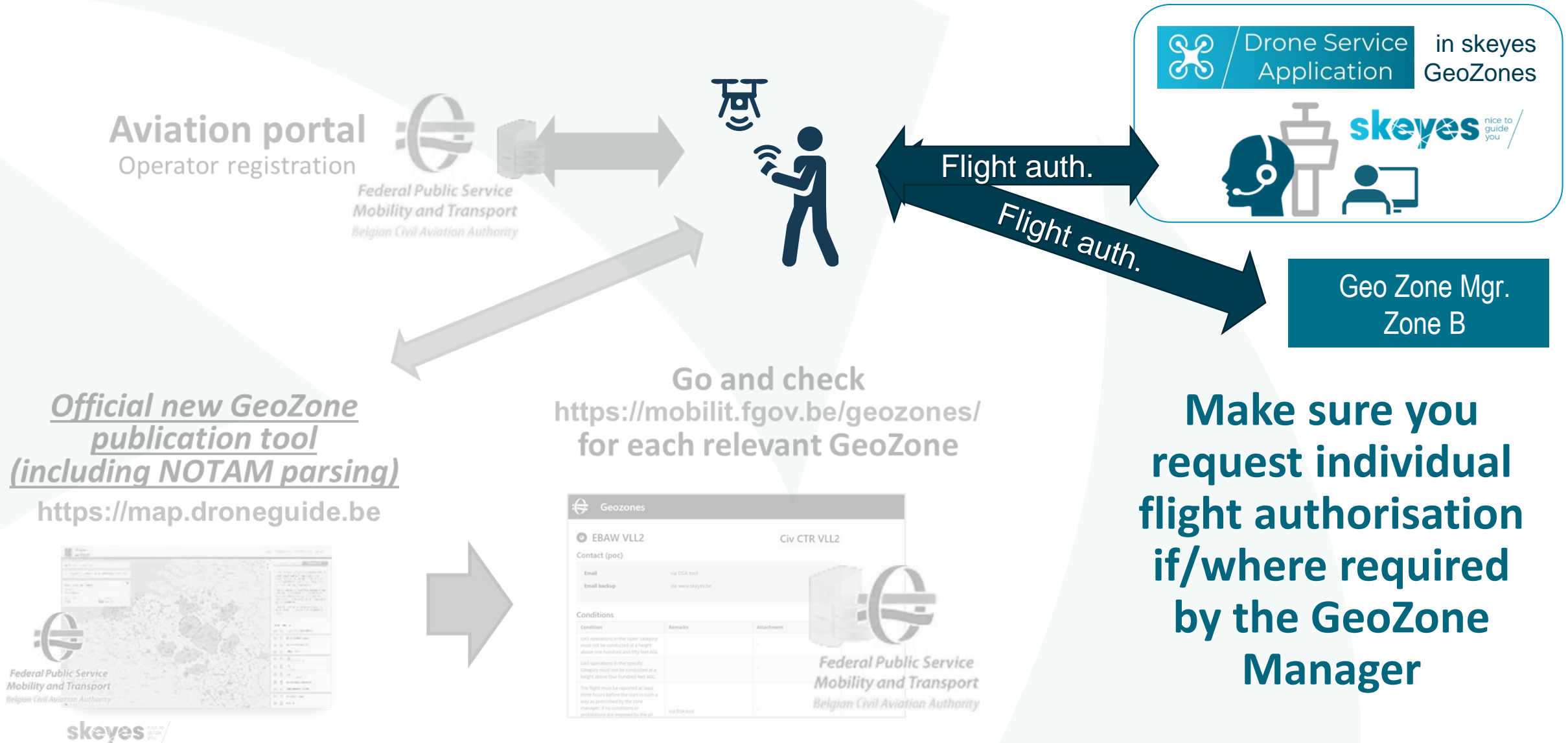
GeoZones		
EBAW VLL2		
Civ CTR VLL2		
Contact (poc)		
Email	via ESA tool	
Email backup	via email@aspa.be	
Conditions		
condition	remarks	action
USV operations in the 'open' category must not be conducted at a height above 120m AGL.		
USV operations in the 'special' category must not be conducted at a height above 120m AGL.		
This flight must be operated at least 30 minutes before the start of the day as prescribed by the zone manager. The conditions of the flight must be respected at all times.		

Some GeoZone Managers,
might impose individual
flight authorisation
(e.g. skeyes who does so for
each flight within any of its
GeoZones)

As of December 31st : **STEP 3** before each flight

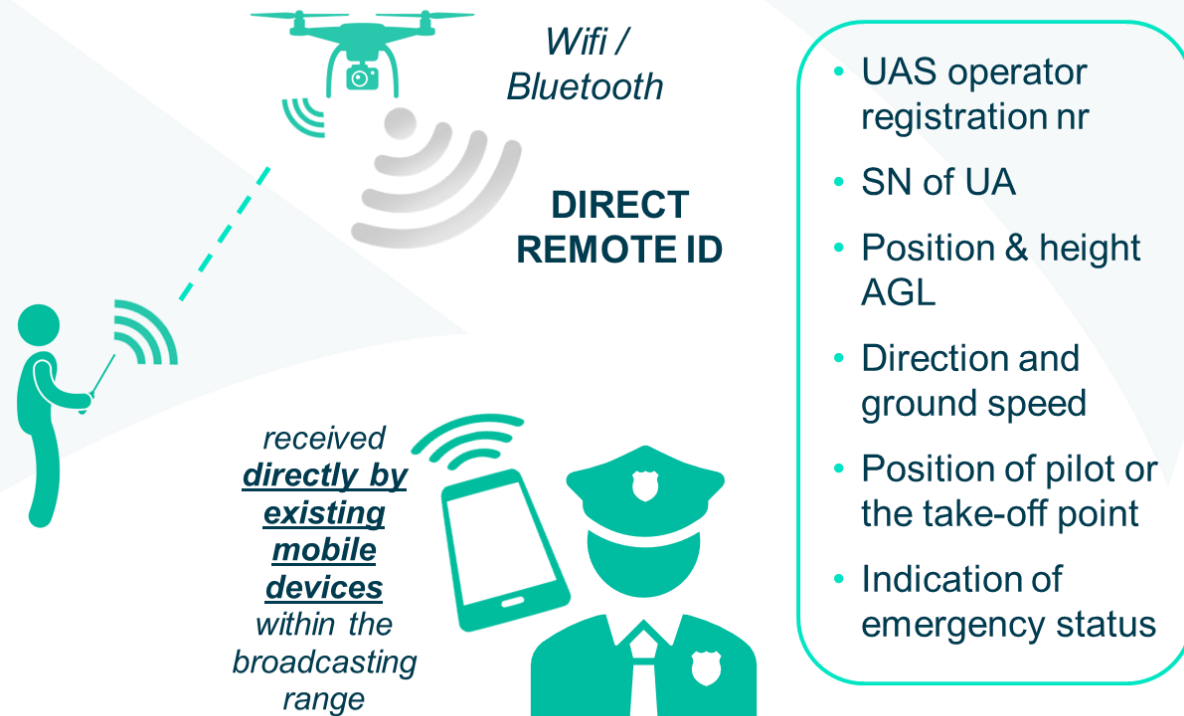


As of December 31st : **STEP 4** before each flight



What is Direct Remote ID when imposed in a GeoZone?

Definition as per 945/947 EU reg.

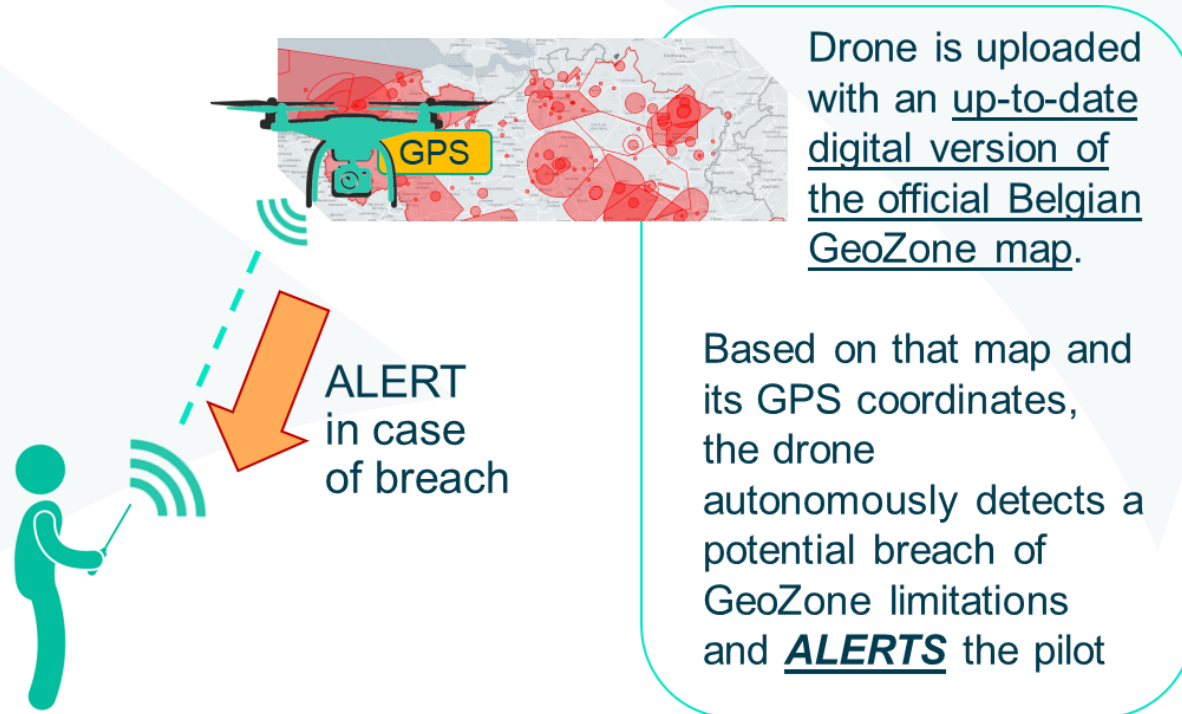


When/where is it mandatory?
(if not imposed by a GeoZone)

- For flights in the Open category: C1, C2, non-tethered C3, C5 and C6 drones by definition have this feature on board and only when using those drones is there an obligation in the Open category to have direct remote ID active during the flight. Such Cx-compliant drones are however not yet available on the market.
- Its use is obligatory for all flights in the Specific category only as from 2/12/2021.

What is Geo-Awareness when imposed in a GeoZone?

Definition as per 945/947 EU reg.



not be confused with the functionality offered on DJI drones called 'DJI geofencing' as this DJI drone feature refers to the alerting of the pilot based on a bespoke map designed and made public by DJI based on its very own safety criteria.

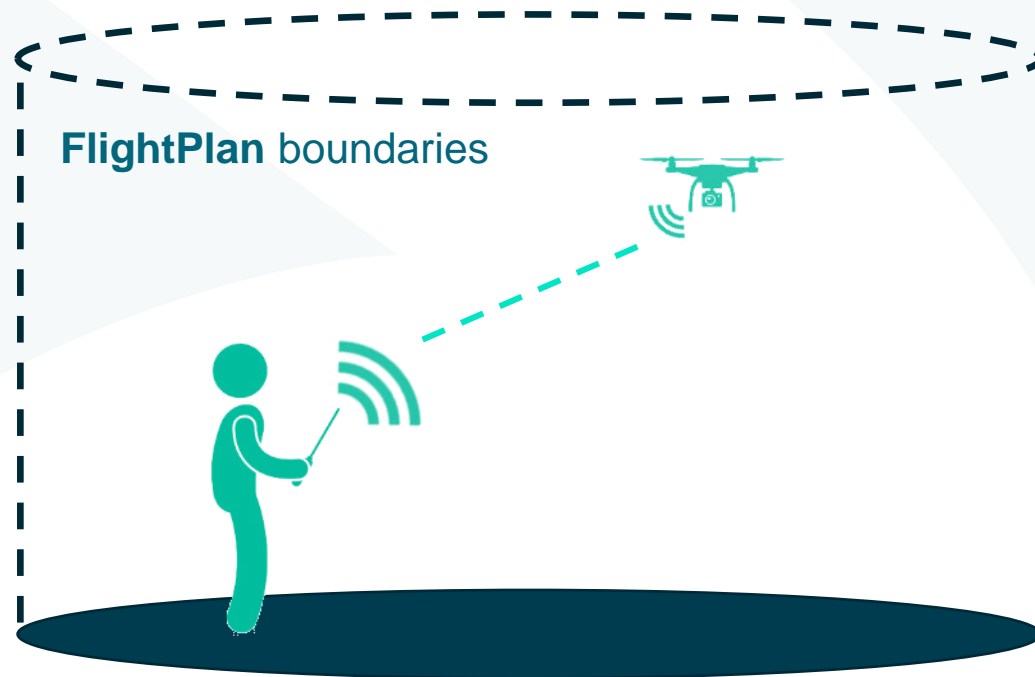
When/where is it mandatory? (if not imposed by a GeoZone)

- C1, C2 and C3 drones operated in the Open category by definition have this feature on board and should have it activated during all flights. It is optionally available on C5 and C6 drones (to be used to execute STS1 and STS2 as of 2/12/2021), if present on them it should be activated during all flights.
- Cx-compliant drones are however not yet available on the market on 1/1/2021.

What is Geo-Caging when imposed in a GeoZone?

No definition in the 945/947 EU reg.

Can only be imposed by a GeoZone



- Referred to as a system that prevents the drone from flying over a given altitude and a given distance outside a given volume of airspace (vertically and horizontally) as defined during the flight planning phase of the drone operation.
- It is equivalently referred to in the EU Delegated Act in the section used to define the obligatory characteristics of a C6 drones as being 'a system that prevents the UA from breaching the horizontal and vertical limits of a programmable operational volume'.

What about my still valid Class 1A authorisations/derogations and Class 1B declarations?



Still OK to execute flights covered by a still valid Class 1B declaration or Class 1A authorisation (with eventual derogation)

You can start executing flights as from January 1st 2021 covered by the EU rules and obligations

HOWEVER:

Flight NOTIFICATION to the BCAA no longer required as from 1/1/2021

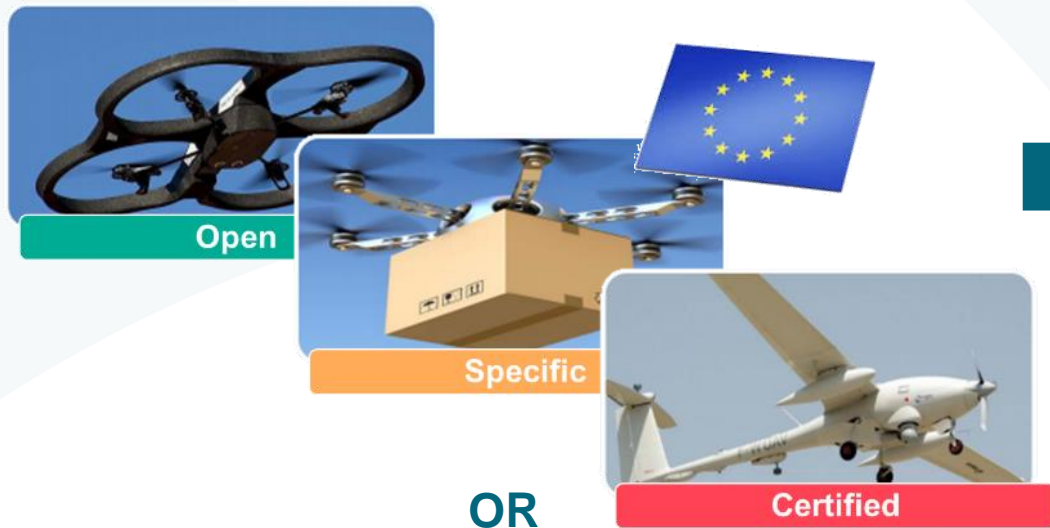
You need to:

- **IN ALL CASES comply with the (new) GeoZone rules!**
- **Get a new operator registration**

SUMMARY OF WHAT TO KEEP IN MIND

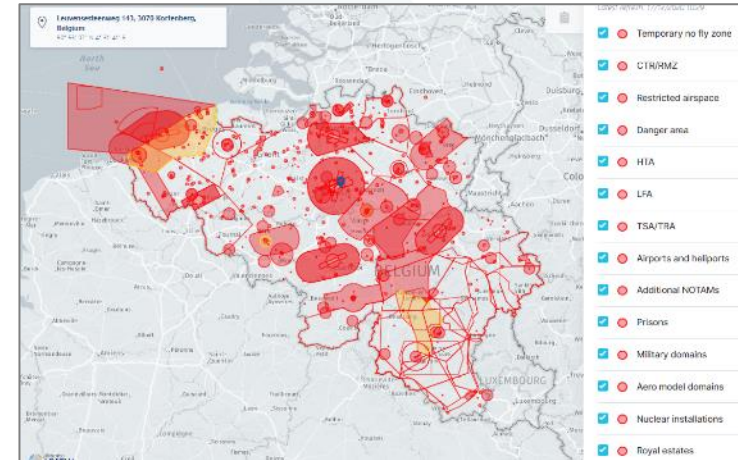
NEED TO RESPECT

Generic rules



Still valid 1A Authorisation or
still valid 1B Declaration

DELTA's vs. generic rules:
National GeoZones



- Aerodrome zones (incl. heliports)
- P/D/R + Military zones
- CTRs
- Seaports
- UAS test-zones
-

SUMMARY OF WHAT TO KEEP IN MIND

NEED TO RESPECT

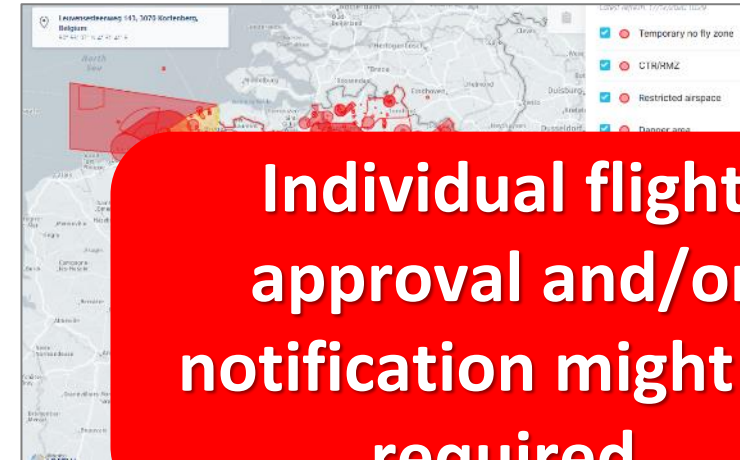
Generic rules



No individual flight approval nor notification required



DELTA's vs. generic rules:
National GeoZones



Individual flight approval and/or notification might be required

OR

Still valid 1A Authorisation or
still valid 1B Declaration

Certified

- Aerodrome zones (incl. airports)
- P/D/R + Military zones
- CTRs
- Seaports
- UAS test-zones
-

HAVE A SAFE FLIGHT

1. PLAN



2. Category & Authorisation



3. Check Geozone and Geozone rules



HAVE A SAFE FLIGHT



Do you comply with the
(Limited) Open category?

NO

Do you comply with an STS?

NO

Do you comply with any of your
existing Operational Authorisations?

NO

Get an Operational Authorisation
that covers your planned flight

YES

YES

YES

YES

Make sure you
have a valid
Operation
Declaration

YES

Check the overlap
between your flightplan
and any GeoZone and if
so: comply with all relevant
GeoZone rules,
including eventual need to
get flight authorisation
from the GeoZone
Manager
(e.g. skeyes in controlled
airspace)