NEW EXTENDED DRONEGUIDE VERSION
PXL HOGESCHOOL

November 12th, 2019

WELCOME

member of FABEC

FOD **MOBILITEIT EN VERVOER**
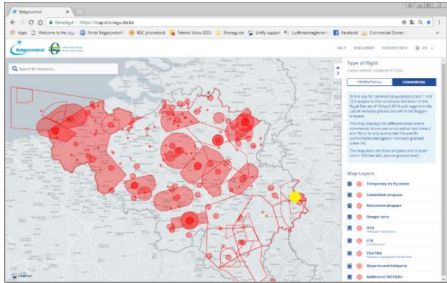SPF **MOBILITÉ ET TRANSPORTS**

skeyes nice to guide you

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Droneguide roadmap

Mar 2018

Droneguide.be

June 2018

Mobile app

July 2019

Map update

Sept 2019

Droneguide PRO

droneguide.be

Legal flight approval

Informal flight validation

DRONEGUIDE: THE COMMERCIAL DRONE PILOT

Web-portal

Mobile application

droneguide.be

Federal Public Service
Mobility and Transport
Belgian Civil Aviation Authority

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Web-portal

Planning, validation & derogation
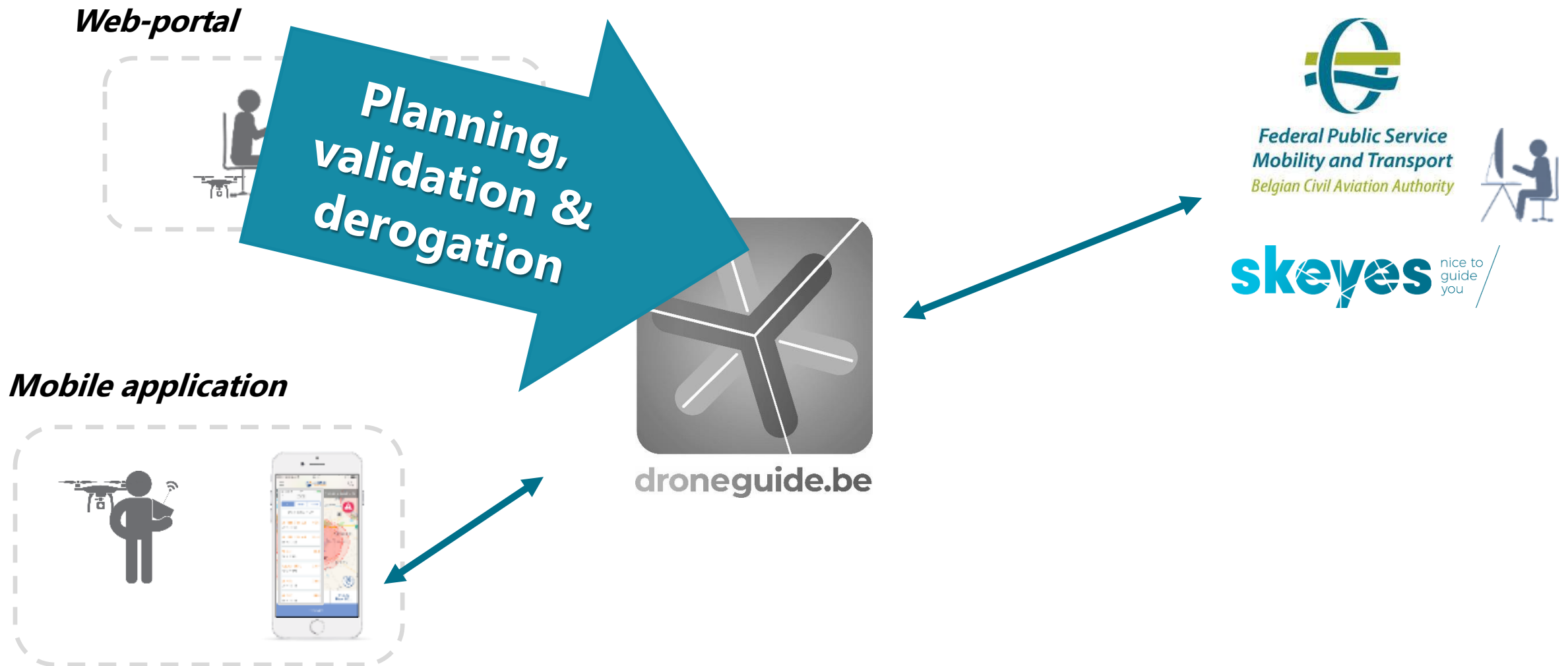
Mobile application

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Web-portal

Mobile application

Planning, validation & derogation

Flight plan retrieval & notification

Approval

droneguide.be

Federal Public Service
Mobility and Transport
Belgian Civil Aviation Authority

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Web-portal

Mobile application

Planning, validation & derogation

Flight plan retrieval & notification

Approval

Visualisation

Federal Public Service
Mobility and Transport
Belgian Civil Aviation Authority

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Web-portal

Mobile app

If you are looking to register drones:
Go to BCAA aviation portal

If you want to update your ops manual:
No change, Email process

<Droneguide Explainer Video>

https://www.skeyes.be/en/services/droneguidebe/

Key concepts in a KB-defined landscape

Operator

Pilot

Flight

Key concepts in a KB-defined landscape

Operator

An operator is a **legal entity** that has the ability to work with pilots, is the official holder of a Class1 authorization issued by the BCAA, holds an OPS manual and can request derogations.
Legally represented by the **Operator Admin**

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A pilot is a **natural person** that performs flights, keeps a logbook and notificies to BCAA.
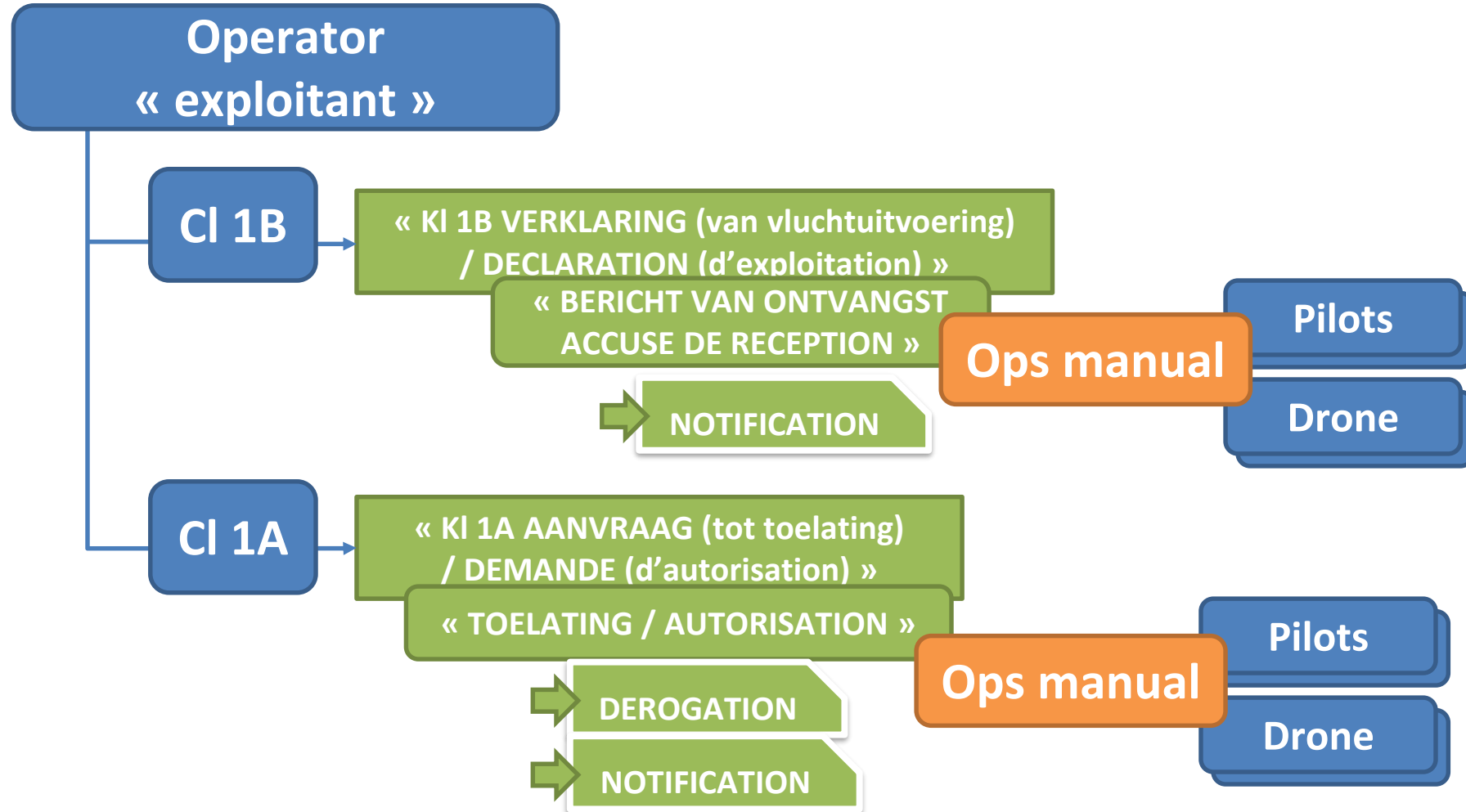Either holder of "attest/attestation" OR "bewijs van bevoegdheid/licence"

Key concepts in a KB-defined landscape

Operator

Pilot

An operator is a **legal entity** that has
the ability to work with pilots...
official...

...ther holder of
"attest/attestation"
OR "bewijs van
bevoegdheid/licence"

...presented by the **Operator
Admin**

Note: In case the operator is limited to 1 natural person, this person
will combine the roles of operator administrator and (only) pilot of
the operator.

Key concepts in a KB-defined landscape

Operator

An operator is a **legal entity** that has the ability to work with pilots, is the official holder of a Class1 authorization issued by the BCAA, holds an OPS manual and can request derogations.
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Pilot

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Either holder of "attest/attestation" OR "bewijs van bevoegdheid/licence"

Flight

According to Belgian law drones are **classified** into three classes: Recreational, Class2 and Class1 (with sub-classes 1a and 1b).

The KB landscape

Operator « exploitant »

Cl 1B → « Kl 1B VERKLARING (van vluchtuitvoering) / DECLARATION (d'exploitation) »

« BERICHT VAN ONTVANGST ACCUSE DE RECEPTION »

→ NOTIFICATION

Ops manual

Pilots

Drone

Cl 1A → « Kl 1A AANVRAAG (tot toelating) / DEMANDE (d'autorisation) »

« TOELATING / AUTORISATION »

→ DEROGATION

→ NOTIFICATION

Ops manual

Pilots

Drone

Droneguide Classification

Operator

Recreational

Class 2

Basic user

Class 1B

Class 1A
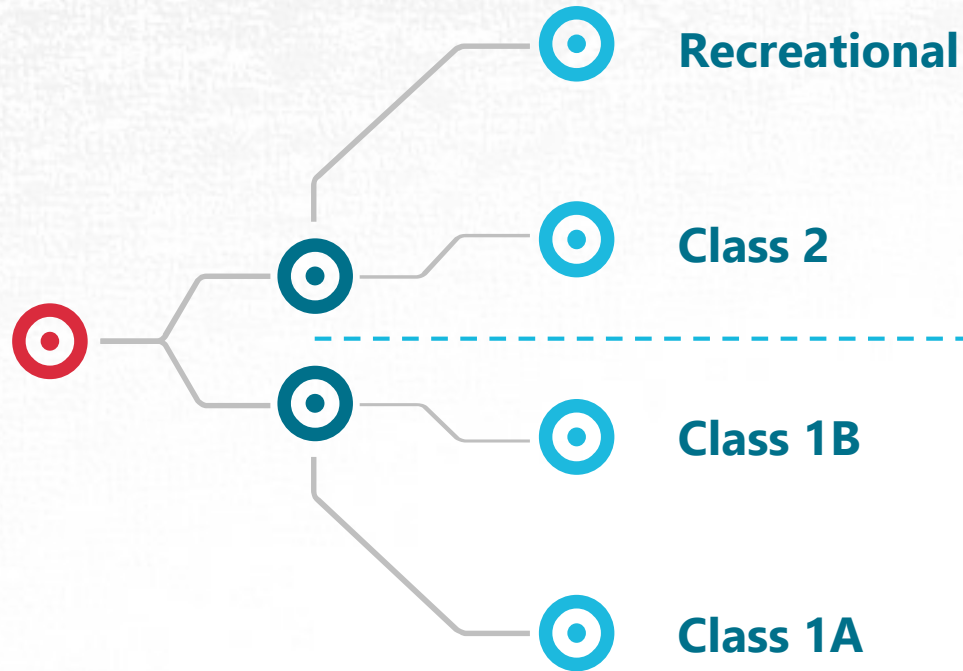
Advanced user

Droneguide Classification

Operator

- Recreational
- Class 2
- Class 1B — Class 1B AUTHORISATION — Ops manual — ADMIN — Pilot
- Class 1A — Class 1A AUTORISATION (1Y) — Ops manual — ADMIN — DEROGATION — Pilot
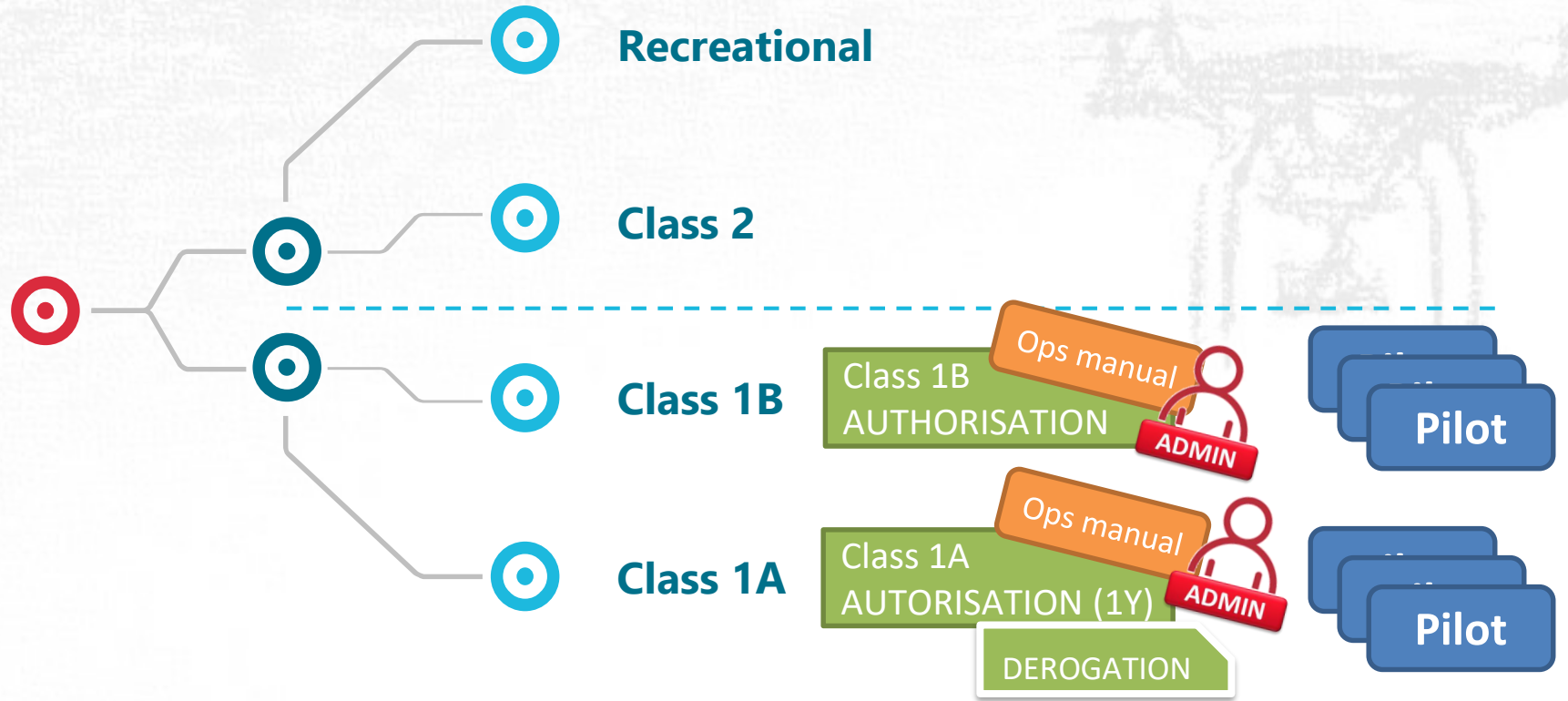
Droneguide Classification
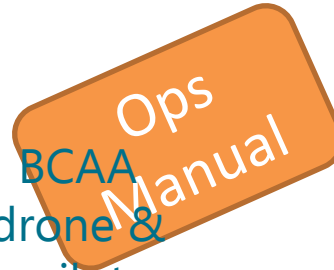
Operator		Flight validation, drone mgmt. & logbook	Pilot mgmt. & flight planning	BCAA drone & pilot import	Notification	Derogation
	Recrea.	✔	✘	✘	✘	✘
	Class 2	✔	✔	✘	✘	✘
	Class 1B	✔	✔	✔ ADMIN	✔	✘
	Class 1A	✔	✔	✔ ADMIN	✔	✔ ADMIN

Ops Manual

WHO
AM I

WHO AM I ?

Pilot with a 'class 1' license

but NOT appearing on

any valid ops manual

of any Class 1 authorized operator

skeyes nice to guide you

WHO AM I

Pilot with a 'class 1' license

but NOT ~~a~~

any va ~~lid~~

of any Class 1 authorized operator

You're in fact a class 2 operator

skeyes nice to guide you

WHO AM I?

Pilot with a 'class 1' license

appearing on a valid ops manual

of a Class 1 authorized operator

but you have *NOT* been assigned
by the legal representative
of that operator as **admin**

WHO AM I

Pilot with a/...

Wait for an Email invite from the admin to become pilot within his operator organisation

-

CSAM login is not/never available for you

WHO AM I – QUICKSTART GUIDES
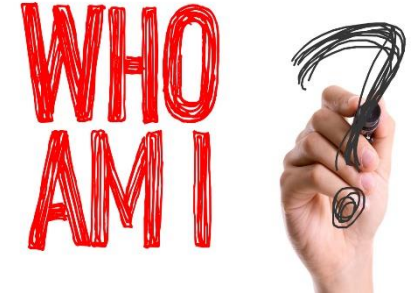
You are a CLASS 1 PILOT

You do not appear in the list of pilots of any valid Class 1 operator's OPS Manual → You should create a Class 2 operator account.

Quickstart Guide CL2

You appear in the list of pilots of a valid Class 1 operator's OPS Manual → You should wait for an invitation email sent by the operator admin

Quickstart Guide CL1 PILOT

You are both a Class1 pilot AND a legal representative of a Class 1 operator with either a valid 1B declaration or a valid 1A authorisation → Go to "You represent a CLASS 1 operator"

You represent a CLASS 1 operator

ON-LINE QUICKSTART GUIDES
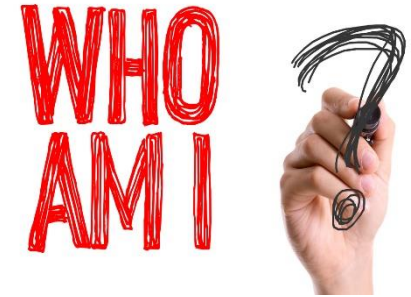
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Quickstart Guide CL2

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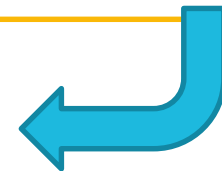
WHO AM I?

You are the legal representative of a Class 1 authorized operator

You are the legal representative of a Class 1 authorized operator

and most probably also mentioned as pilot in the ops manual

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WHO AM I – QUICKSTART GUIDES
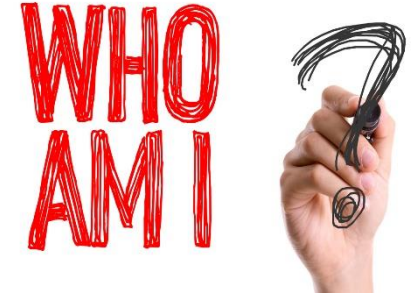
You represent a CLASS 1 operator

The operator is a person (NRN)

The operator is a person and automatically has the role of Droneguide 'Operator Admin'

Quickstart Guide CL1 PERSON

The operator has a VAT number

The role of Droneguide 'Operator Admin' is assigned to a person by the legal representative of the operator using the eGov Role Management portal

Quickstart Guide CL1 COMPANY

Droneguide.be

User profiles & getting started

You fly in Class 1

You fly in Class 2

You fly in the recreational class

How to access

droneguide.be

Droneguide portal — Droneguide map

GET IT ON Google Play — DOWNLOAD ON THE App Store

Support

FREQUENTLY ASKED QUESTIONS →

Droneguide Pro - Notifications

Droneguide Pro - Derogaties

Droneguide Pro - S'enregistrer
Attention
Attention

Droneguide Pro - Gebruikersty...

User guides

DRONEGUIDE APP →   DRONEGUIDE MAP →   DRONEGUIDE PORTAL →

CSAM – TOEWIJZEN DRONEGUIDE ROL →   CSAM – ATTRIBUTION DU RÔLE DRONEGUIDE →

WHO AM I

LET'S GET STARTED

ADMIN

Your workflow

Flight planning & validation → **Derogation** → **Notification** → **Flight & Logbook**

Droneguide workflow

Register, login & Prepare resources

Flight planning & validation

Derogation

Notification

Flight & Logbook
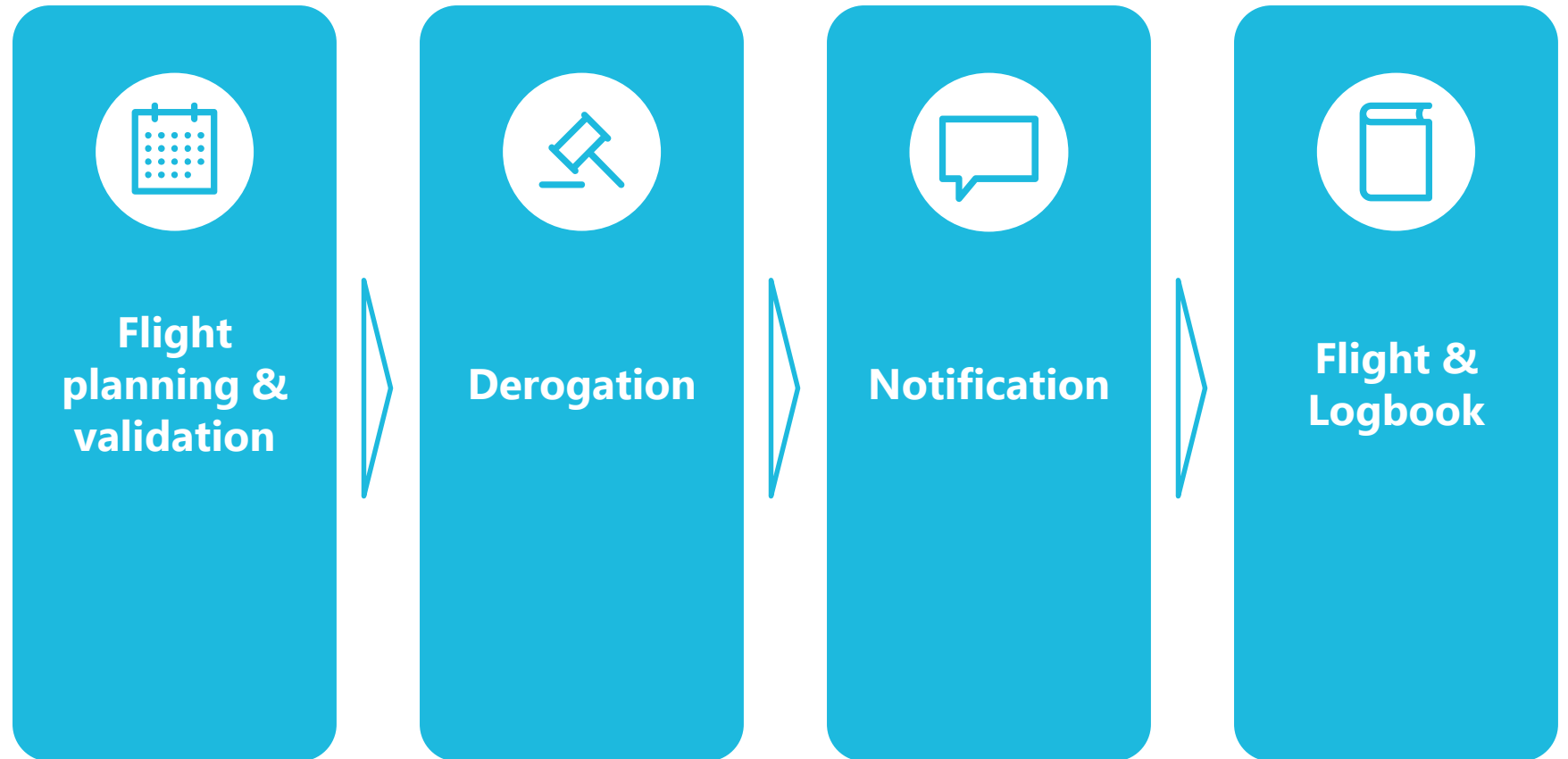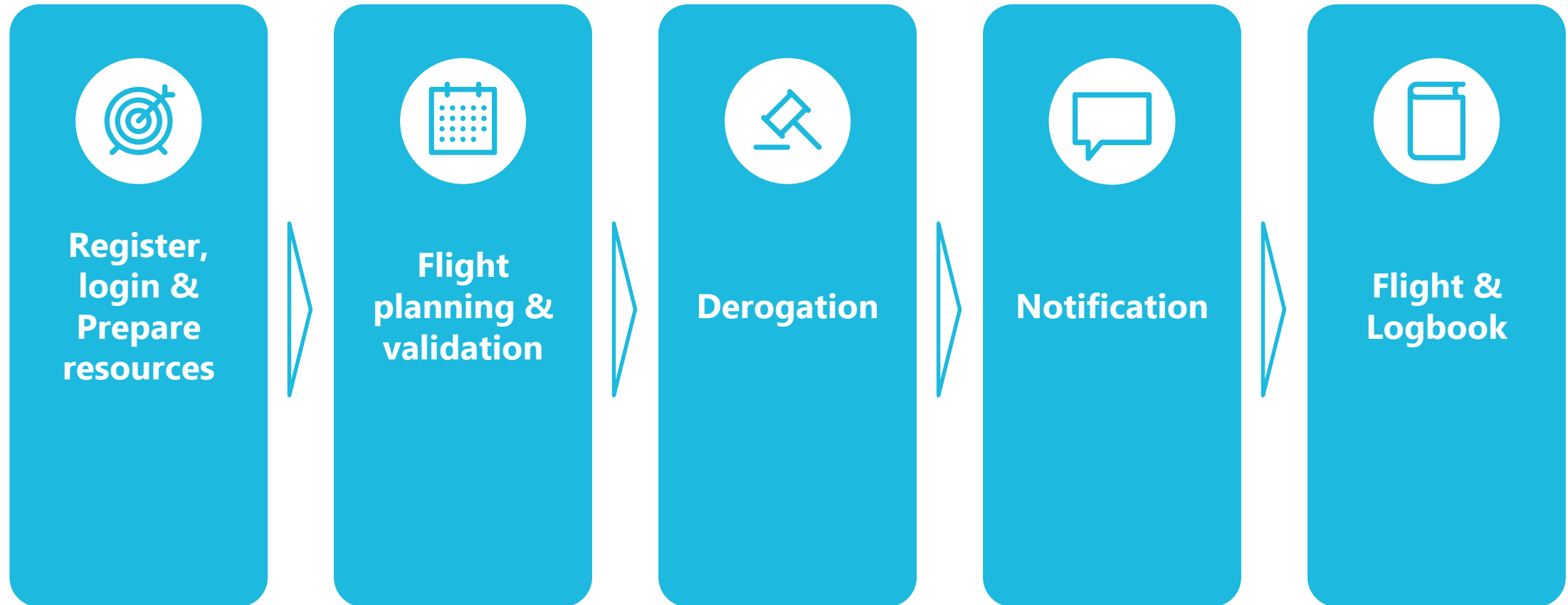
Droneguide workflow

Register, login & Prepare resources

QUICK START GUIDE →

5 actions to get started

STEP 1: Check your droneguide role & get the proper account going

User guides

CSAM – TOEWIJZEN DRONEGUIDE ROL → **CSAM – ATTRIBUTION DU RÔLE DRONEGUIDE** →

- Google « E-gov role management »

- Or directly go to
https://iamapps.belgium.be/rma/generalinfo?redirectUrl=%2Frma#

- Go and check your role (« FODMOB Droneguide »)

STEP 1: Check your droneguide role & get the proper account going

STEP 1: Check your droneguide role & get the proper account going

You're new to Droneguide

You had an existing account on Droneguide

STEP 1: Check your droneguide role & get the proper account going

You're new to Droneguide

Use one of your Email adresses to create your 'admin account'

↓

Click on the link in the confimation Email in your inbox

↓

Select Commercial Class 1 in the dropdown menu

↓

You will be redirected to CSAM for login

You had an existing account on Droneguide

Login with your existing Email & password (or 'forgot password')
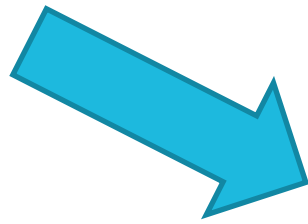
↓

Push the profile button on top right corner

↓

Click on class selection and upgrade from « Recreational » to « Class 1 »

↓

You will be redirected to CSAM for login

skeyes nice to guide you

STEP 1: Check your droneguide role & get the proper account going

As an operator, from now on log in using CSAM

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Federal Public Service Mobility and Transport
Civil Aviation Authority

droneguide.be

Keep me logged in

LOGIN

🔑 Forgot your password?

👤+ Create an account

👤+ Login as Class1 operator admin using CSAM

STEP 2: Check your BCAA imported pilots and drones

User = account

Class1 Operator Incl. BCAA data import

Drone list

Pilot list

ACTIVITY TIMELINE

M Michel Uwaerts
📖 My logbook

U Uwaerts Michel

F Feeding The Skeyes
✕ Drones
👤 Users
📄 Operator do...
☰ Drone operations
↩ Derogations
📖 Logbook

CURRENT & FUTURE OPERATIONS

STARTS IN 14 DAYS

...0:08
END
RCTAKEOFF - X8   29/05/2019 14:30:14

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

STARTS IN 15 DAYS

0:14:42
RCTAKEOFF - X8   30/05/2019 13:14:49

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

STARTS IN 15 DAYS

OPERATION NAME   START
gilles derog 1   30/05/2019 11:02:13
DRONE   END
RCTAKEOFF - X8   30/05/2019 13:02:23

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

LOAD MORE

PAST OPERATIONS

OPERATION NAME   START
test zemst CTR   14/05/2019 18:15:46
DRONE   END
RCTAKEOFF - X8   14/05/2019 19:10:52

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

OPERATION NAME   START
Samen onderweg   14/05/2019 17:13:01
DRONE   END
RCTAKEOFF - X8   14/05/2019 18:43:01

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

OPERATION NAME   START
rogue-001   14/05/2019 17:12:56
DRONE   END
DJI - DJI PHANTOM 4 PRO   14/05/2019 17:42:56
+

OPERATIONAL EXECUTION   FLIGHT STATUS
PUBLISHED   LANDED

STEP 2: Check your BCAA imported pilots and drones

STEP 3: Populate all your BCAA-imported drones with their MTOM & dimensions

STEP 4: Invite your pilots, INCLUDING YOURSELF

Users

If your name appears in the list of BCAA imported pilots:

USE A DIFFERENT E-MAIL ADDRESS THAN YOUR ADMIN ACCOUNT

Pilot invitation statuses

STILL TO BE INVITED:

AANGEVRAAGD	DEMANDE	REQUESTED

!

INVITATION SENT BY ADMIN BUT NOT YET ACCEPTED BY PILOT:

IN AFWACHTING	EN ATTENTE	PENDING

INVITATION SENT BY ADMIN AND ACCEPTED BY PILOT:

ACTIEF	ACTIF	ACTIVE

Step 5: SET THE CORRECT OPERATOR SELECTION IN THE MOBILE APP: switch from your recr. to your Class 1 operator
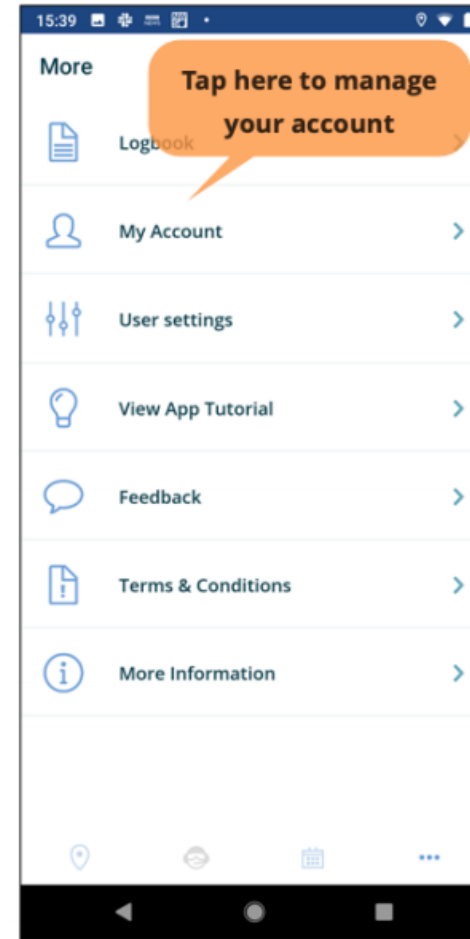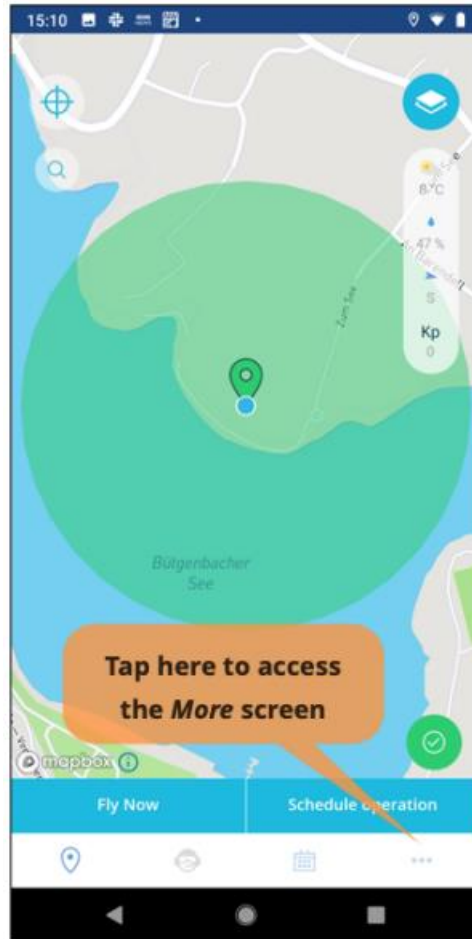
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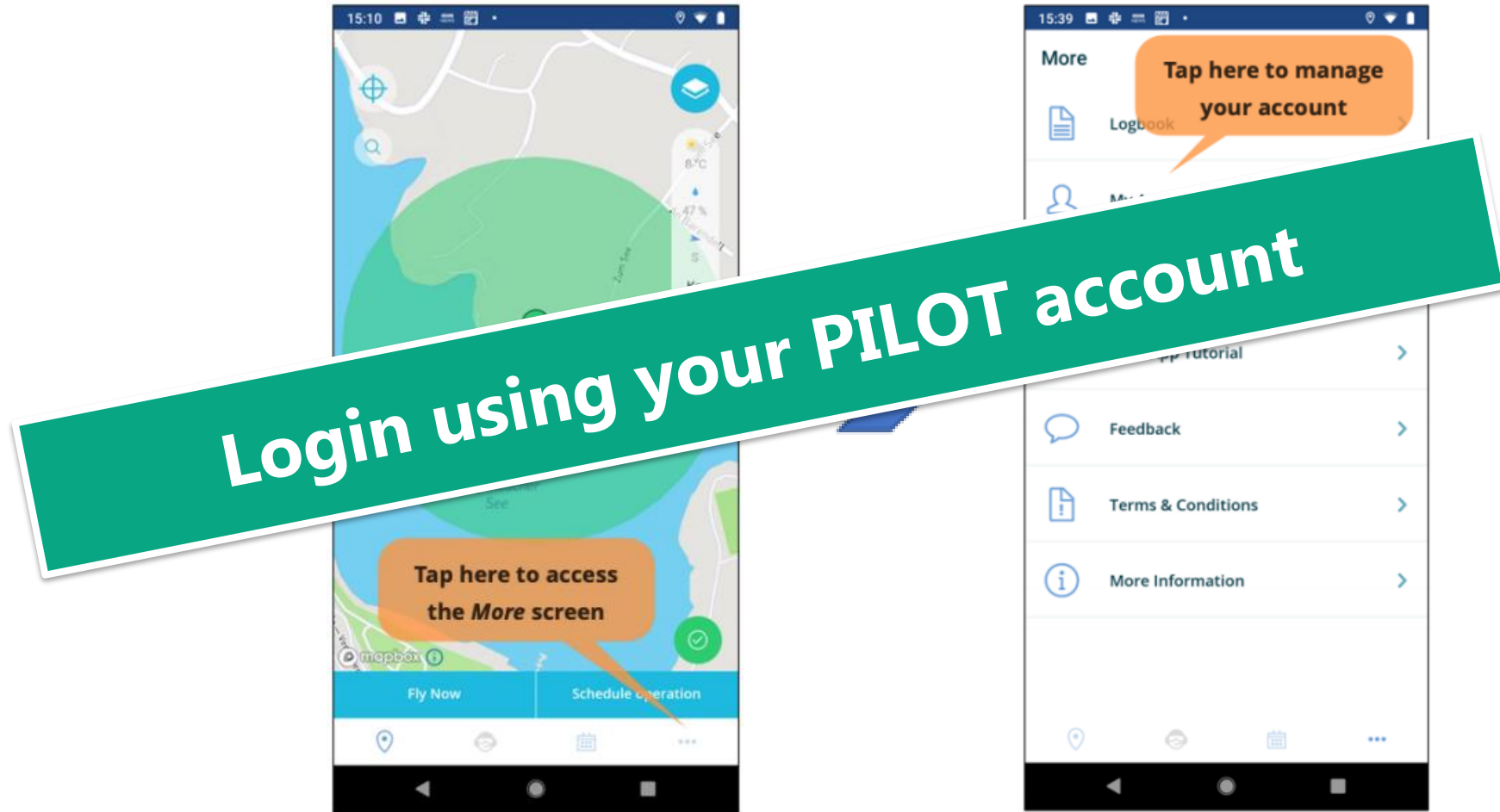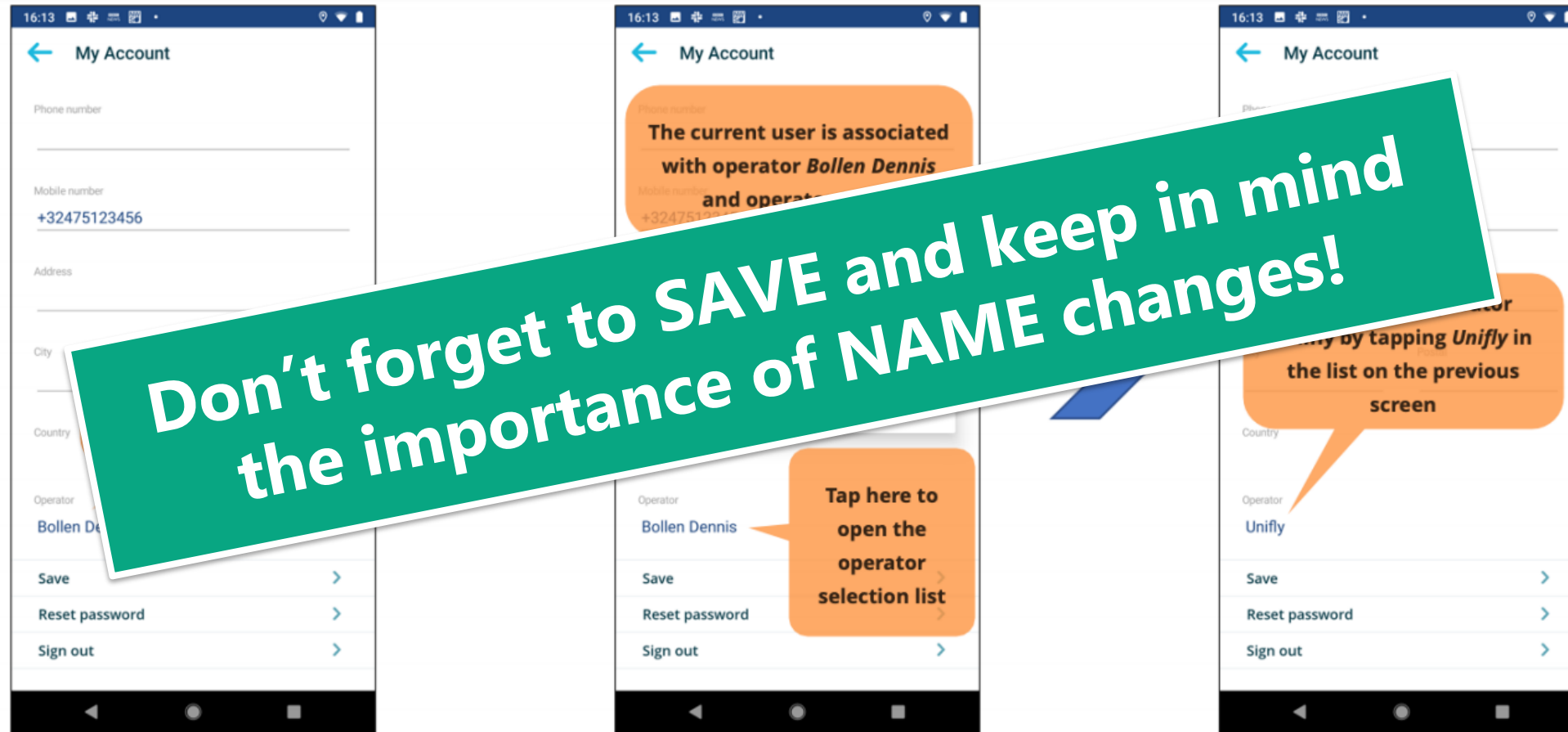
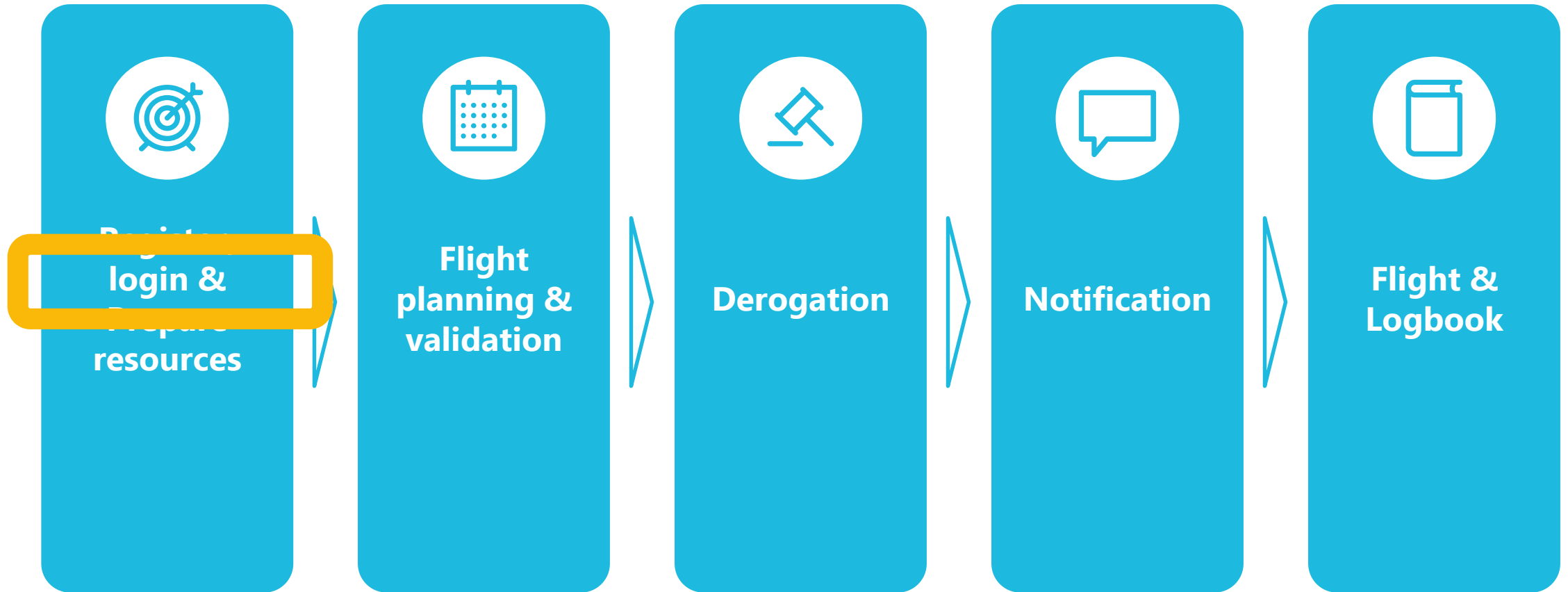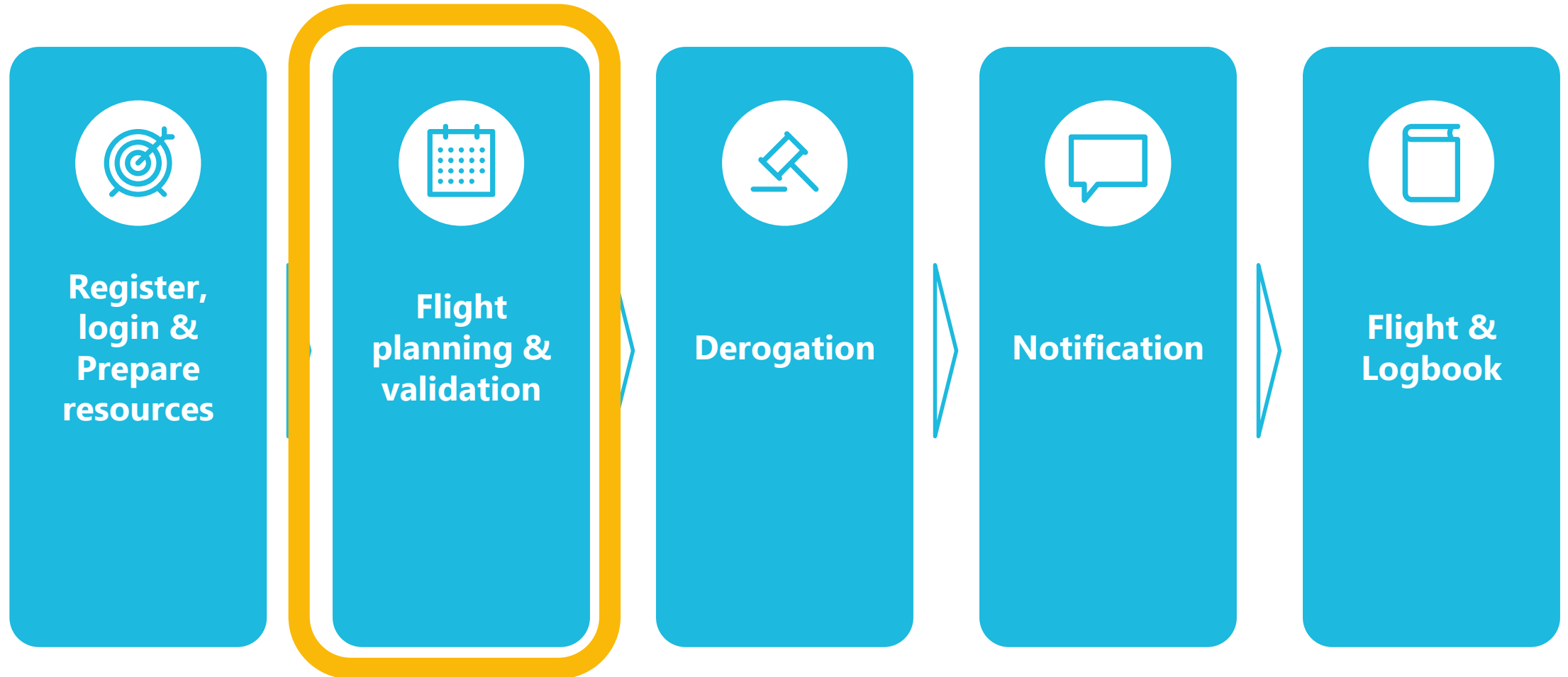# Step 5: SET THE CORRECT OPERATOR SELECTION IN THE MOBILE APP:
switch from your recrea to your Class 1 operator

Droneguide workflow
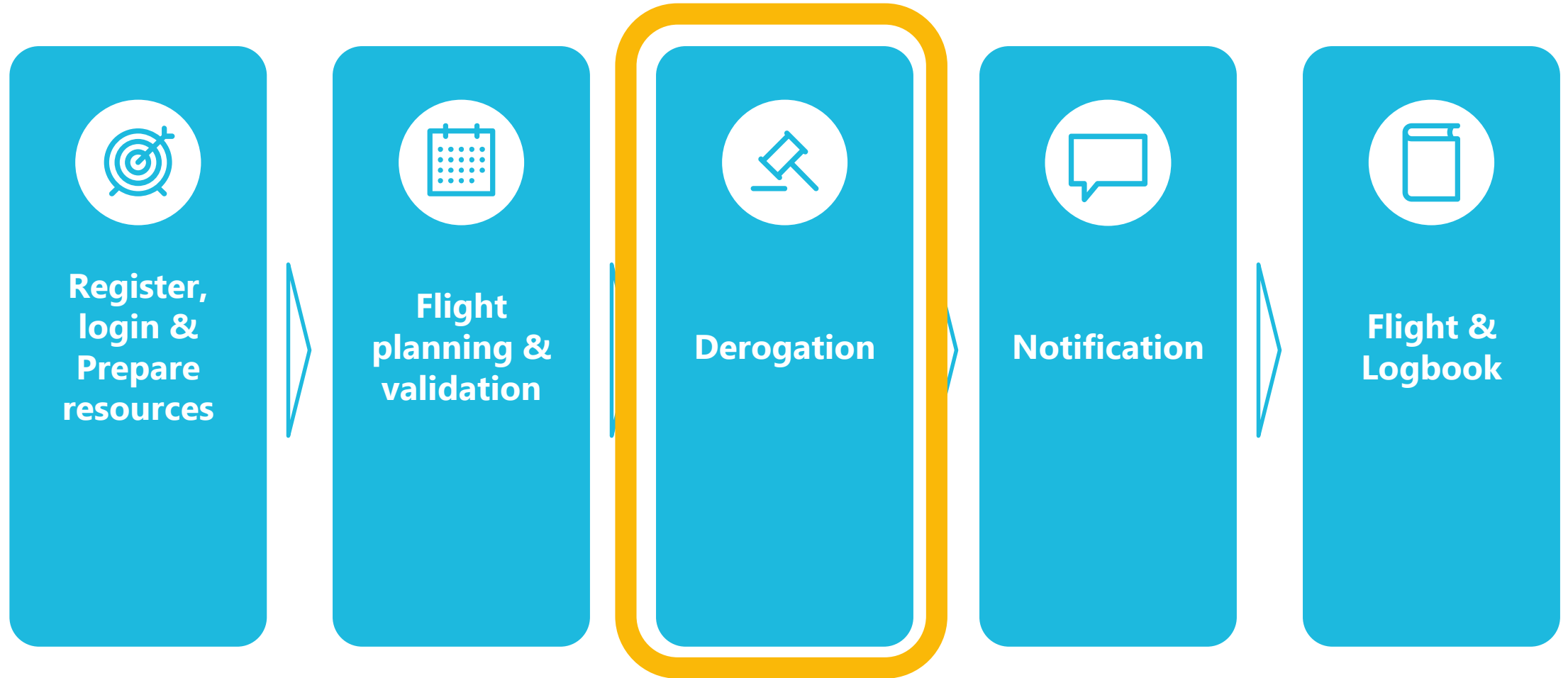
Register login & Prepare resources

Flight planning & validation

Derogation

Notification

Flight & Logbook

Droneguide workflow

Register, login & Prepare resources

Flight planning & validation

Derogation

Notification

Flight & Logbook

Droneguide workflow

Register, login & Prepare resources

Flight planning & validation

Derogation

Notification

Flight & Logbook

Creating a derogation

Derogation flow of status

Creation by pilot
or admin

Actie van operator vereist	Action de l'opérateur requise	Operator action required

skeyes

Derogation flow of status

Creation by pilot or admin

Actie van operator vereist	Action de l'opérateur requise	Operator action required

Sent by admin

Ref. nr. added
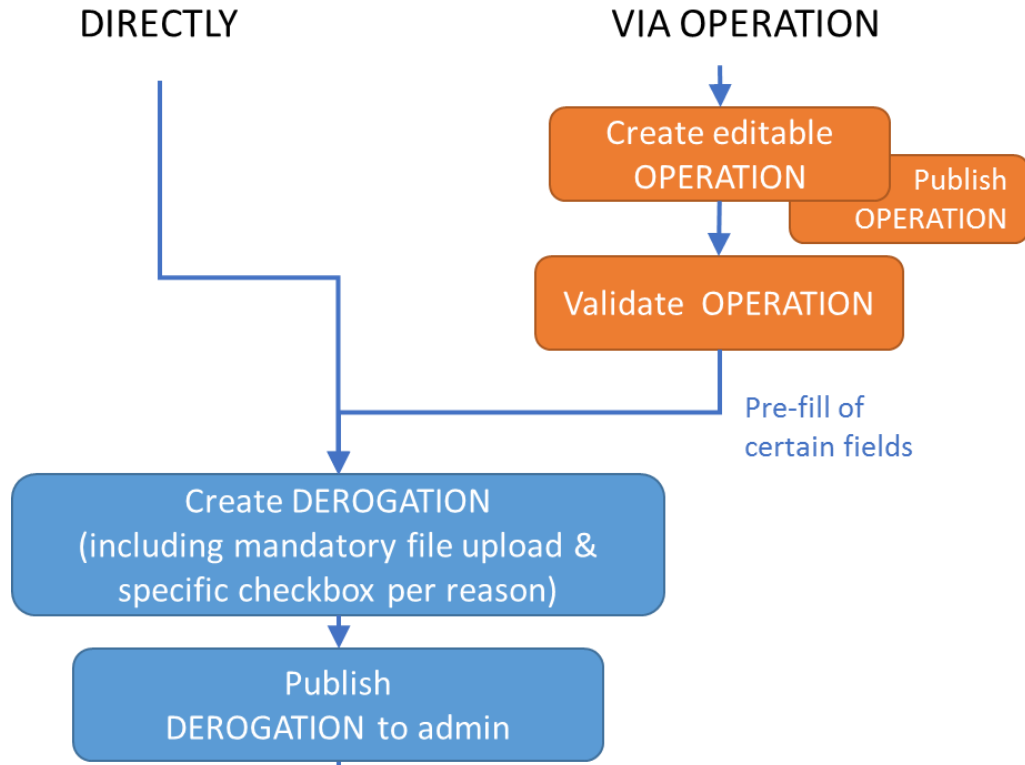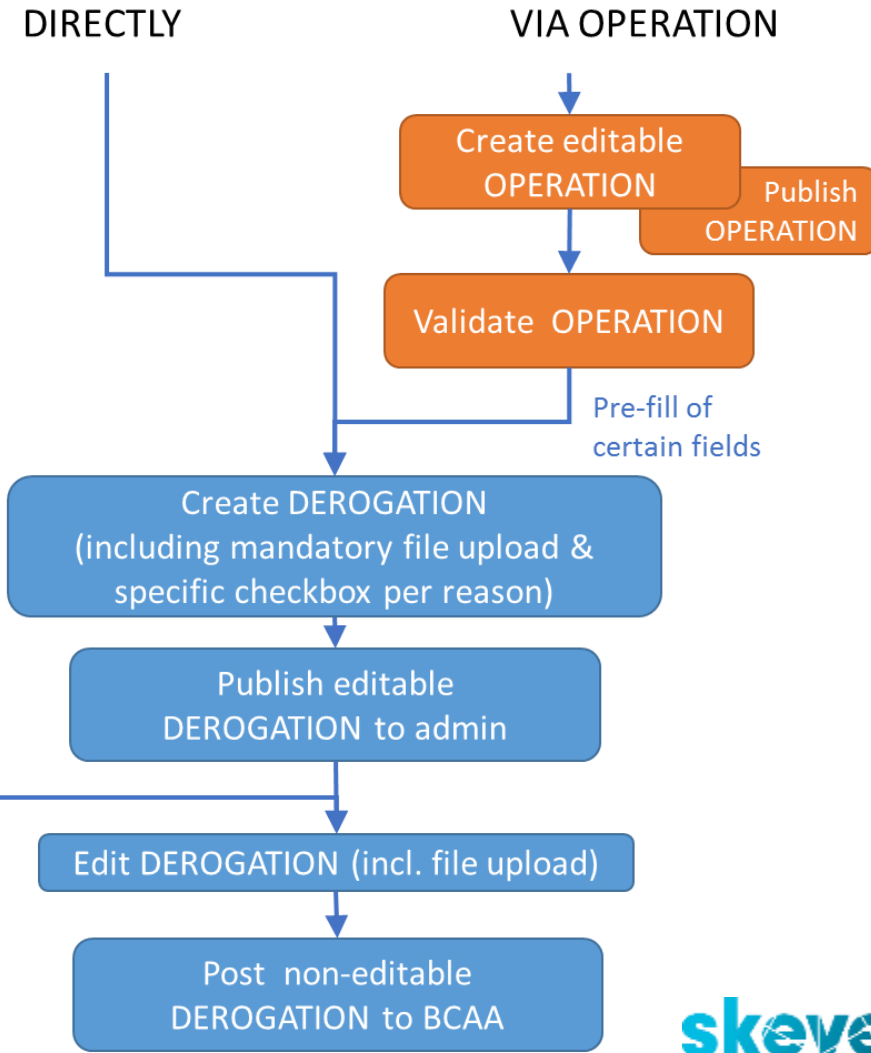
Bevoegdheidsactie vereist	Action de l'authorité requise	Authority action required

Derogation flow of status

Creation by pilot
or admin

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Bevoegdheidsactie vereist	Action de l'authorité requise	Authority action required

**AFTER FINAL BCAA JUDGEMENT:
NEGATIVE or POSITIVE STATUS**

Derogation flow of status

Creation by pilot or admin

Actie van operator vereist	Action de l'opérateur requise	Operator action required

Sent by admin

Ref. nr. added

Bevoegdheidsactie vereist	Action de l'authorité requise	Authority action required

AFTER FINAL BCAA JUDGEMENT: NEGATIVE or POSITIVE STATUS

Get support involved

In afwachting	En attente	Pending

Droneguide workflow

Register, login & Prepare resources → **Flight planning & validation** → **Derogation** → **Notification** → **Flight & Logbook**

Droneguide workflow

Register, login & Prepare resources

Flight planning & validation

Derogation

Notification

Flight & Logbook
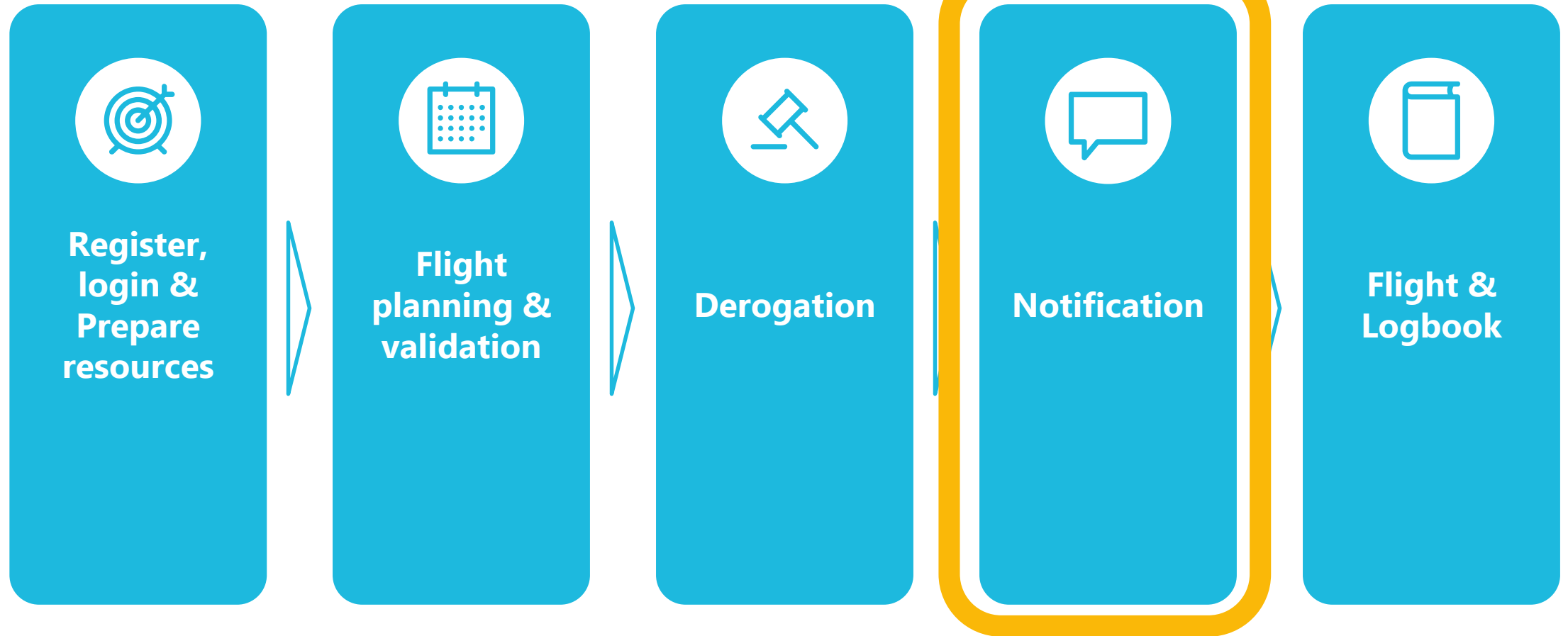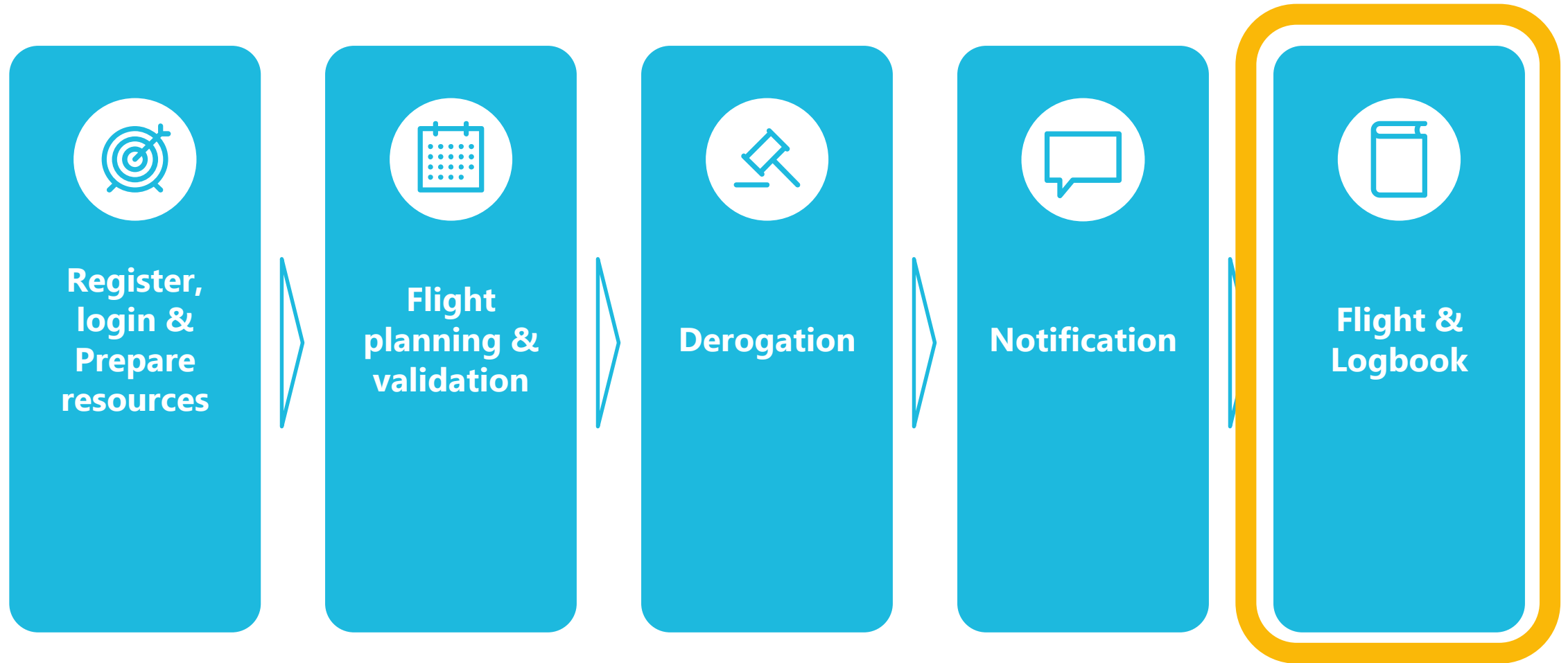
Practicalities

Launch 12/9

- Operational
- BCAA 3 month transition period (11/12/2019)
- Fall back through rpas.ops@mobilit.fgov.be

Questions?

- Droneguide project team on standby during high care period
- Central e-mail address: droneguide@skeyes.be

Support

FREQUENTLY ASKED QUESTIONS ⟶