Digital and paper maps

HLSK Leader training

October 30th, 2022

Geactualiseerd: 14-4-2026

History

- Handy to use were maps on three levels:
  - The whole of Scandinavia, 1:800:000 → to overview main roads and locate areas
  - Regional maps, 1:250.000 → to drive within an area by car
  - Detailed maps, 1:100.000 (lakes) en 1:50.000 (sea) → to navigate while skating
- Some leaders have Sweden complete; Norway partly; Finland not many
- HLSK supports leaders with maps rental boxes (Joris)
  - hlsk.nl page Gidsen shows which maps are available
- There are (almost) no HLSK-maps for Finland

Advantages paper maps remain

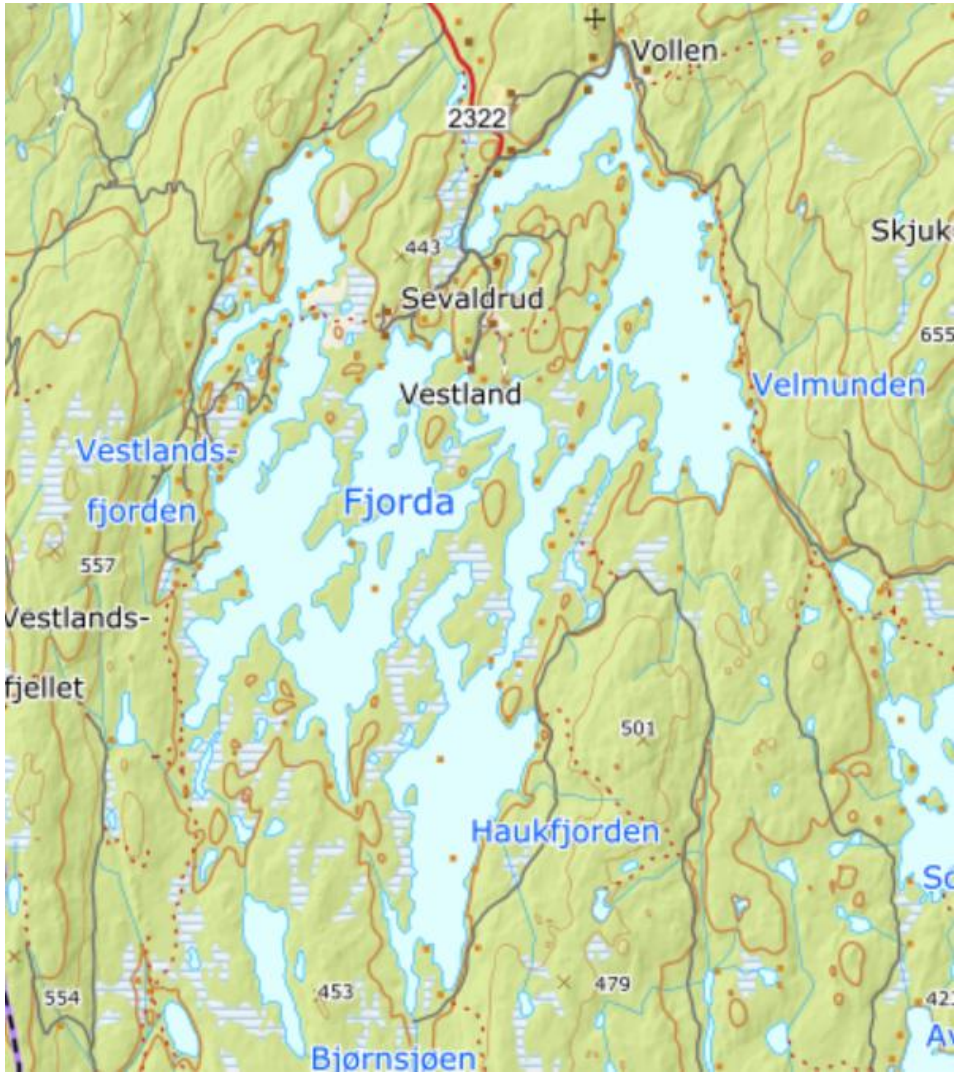
- Better overview
- Multiple people can gather around the map
- No technical failures (batteries, cold, moisture, …)

But there are disadvantages too:

- No automatic positioning
- More volume/weight to take with you
- More searching and folding
- Hard to use in twilight, darkness and wind

Digital map gets popular

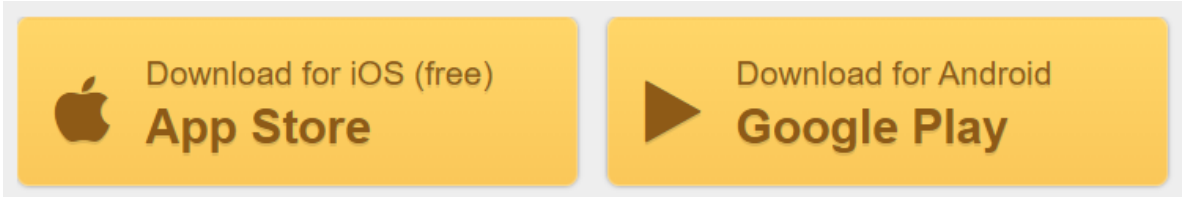
- Whole of Scandinavia on your phone/laptop
- Searching for places and lakes
- GPS shows directly where you are
- Track of day tour tour is visible



Decisions by Gidscommissie

- HLSK standardizes on TopoGPS for maps of Scandinavia
  - To make sure we all know how the map works; in discussions we have the same maps; has been tested and so far no failures
- If three group members have TopoGPS on their mobile, from which two have the skating area offline available, the paper map is no longer obligatory
  - Three members is necessary for backups during technical failures
- Taking paper still recommended (and nice for planning and briefings!)

Topo GPS



- We tested multiple apps: often different functionality per country
- Topo GPS: same app for Scandinavia + Holland + Germany
- Uses maps of the official topographic service per country
- Good results in last three seasons

TopoGPS is the digital standard for all (aspirant) leaders in HLSK

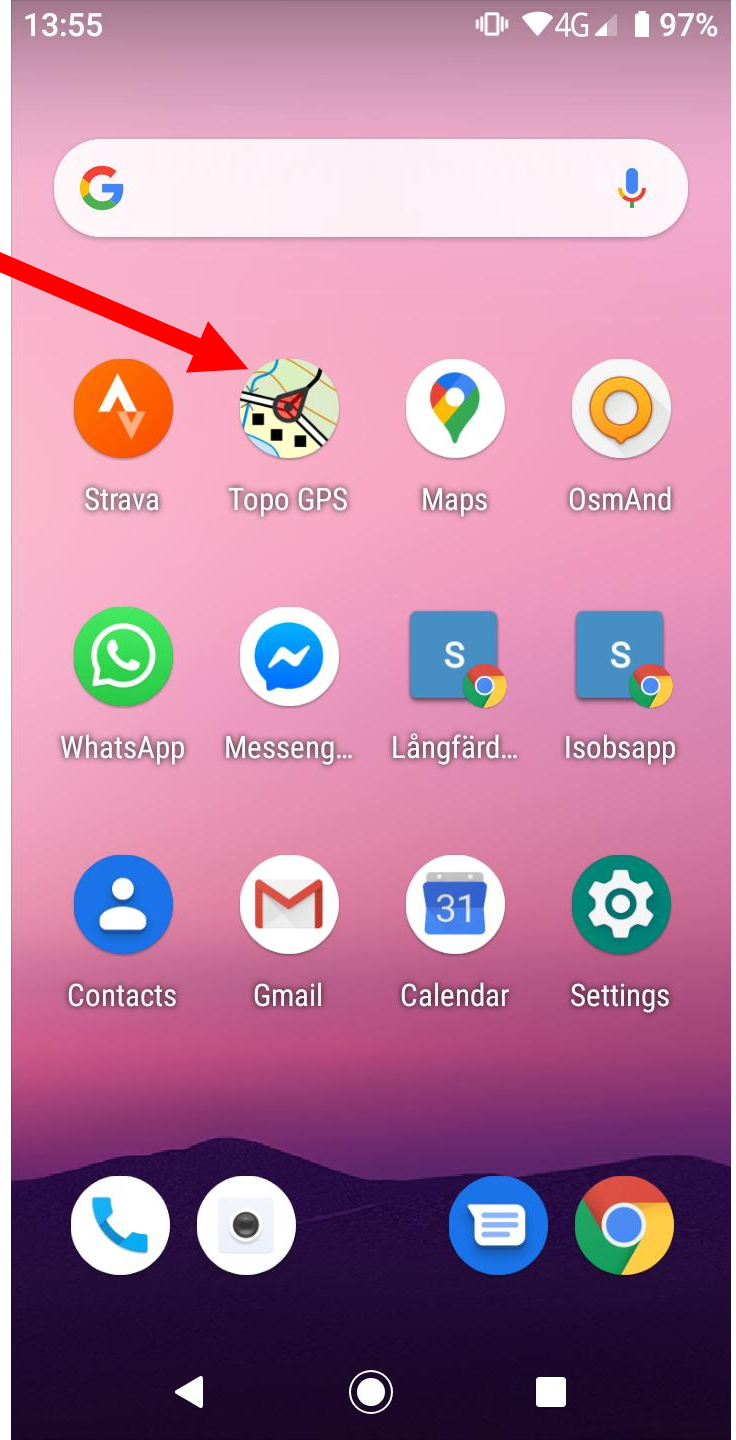
We still recommend to bring paper maps!

Installing

- To download Scandinavia (Android) you need 128 Gb
- Storage extension not easy on iOS, so download target area before you skate

- Install TopoGPS, works for both Android and iOS
- Buy five maps for 4,- euro a piece: NO, SE, FI, NL, DE

- Finally, take care you have the maps of your skating area downloaded
- Choose a country, zoom out, choose More → Map Download
- **And make sure one of the participants has TopoGPS on mobile phone too**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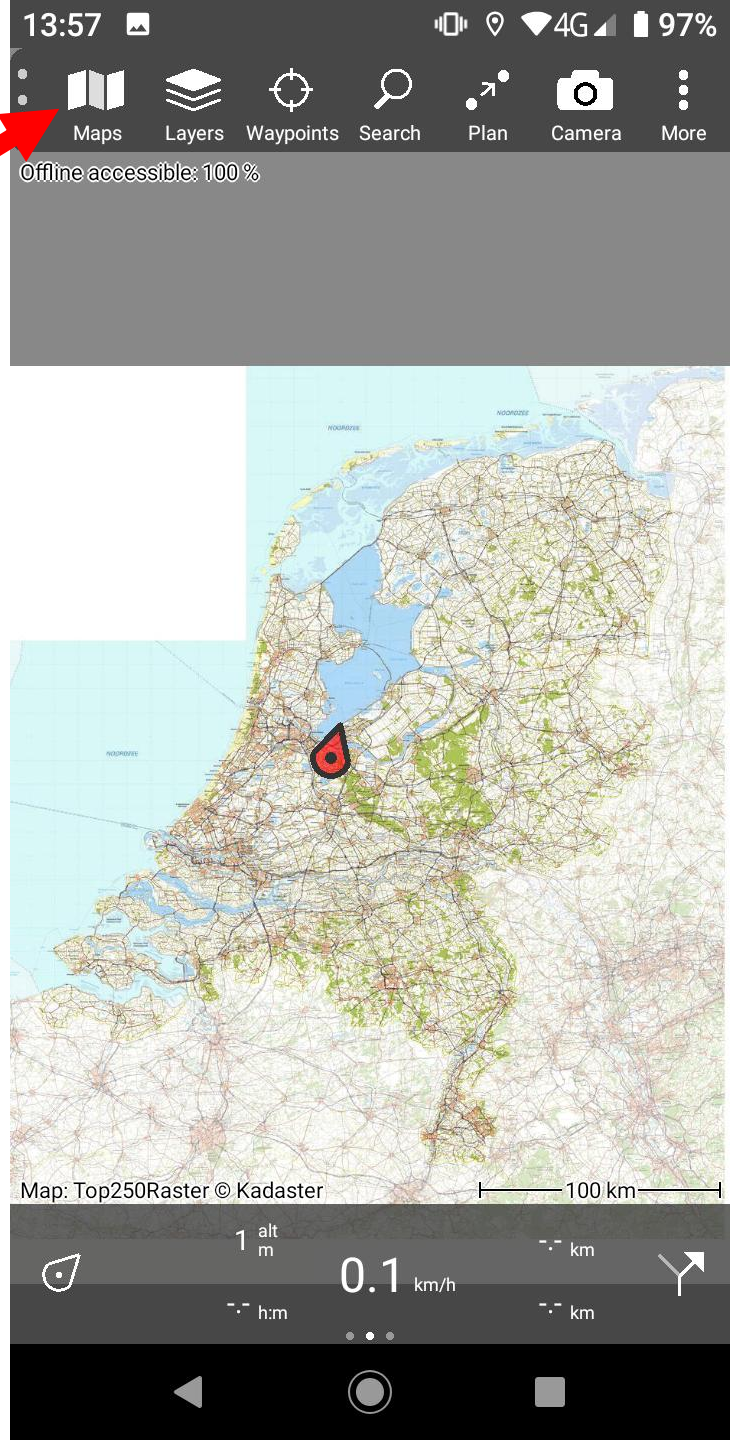
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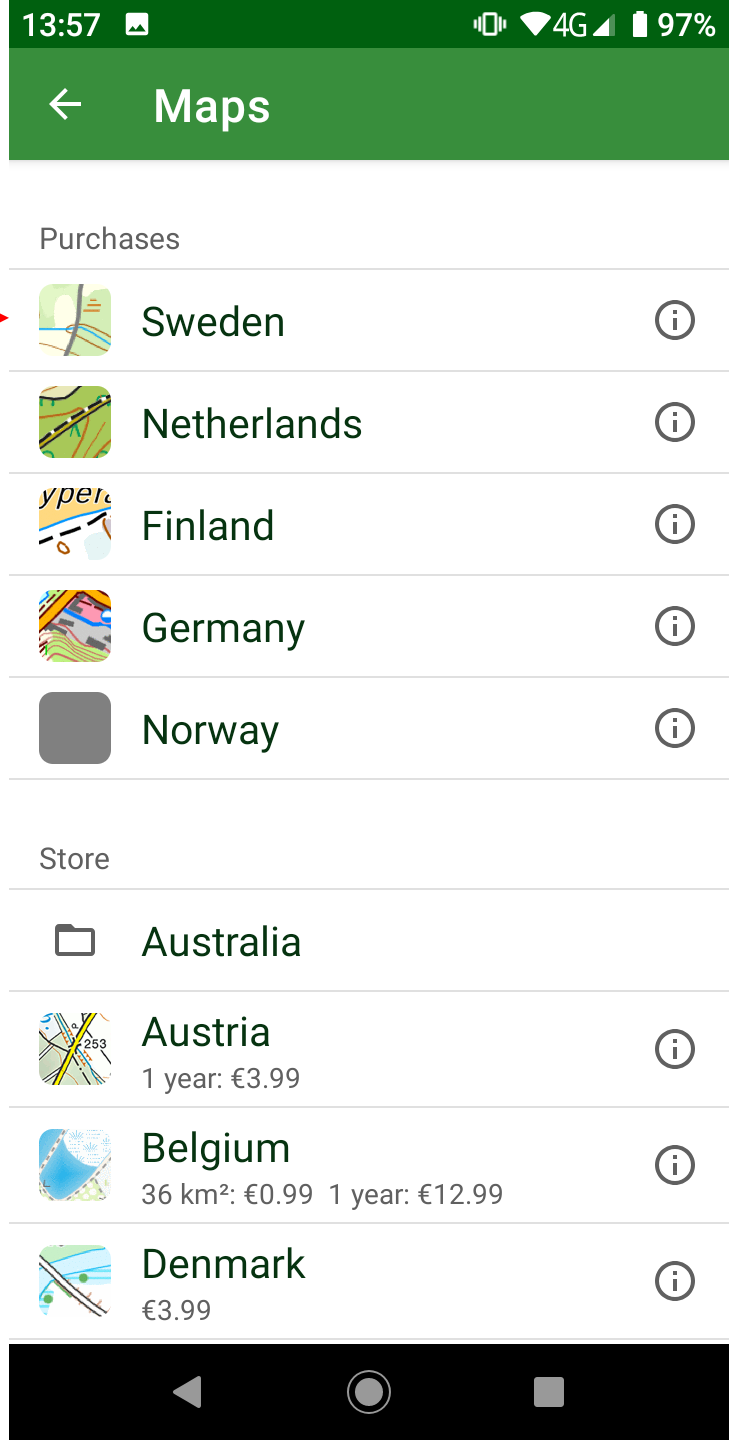
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Örebro
Nyköping
Linköping
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Jönköping
Visby
Rig
Växjö
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Danmark
Karlskrona
Köpenhamn
Östersjön
Map: Topografisk webbkarta
Visning CC BY © Lantmateriet
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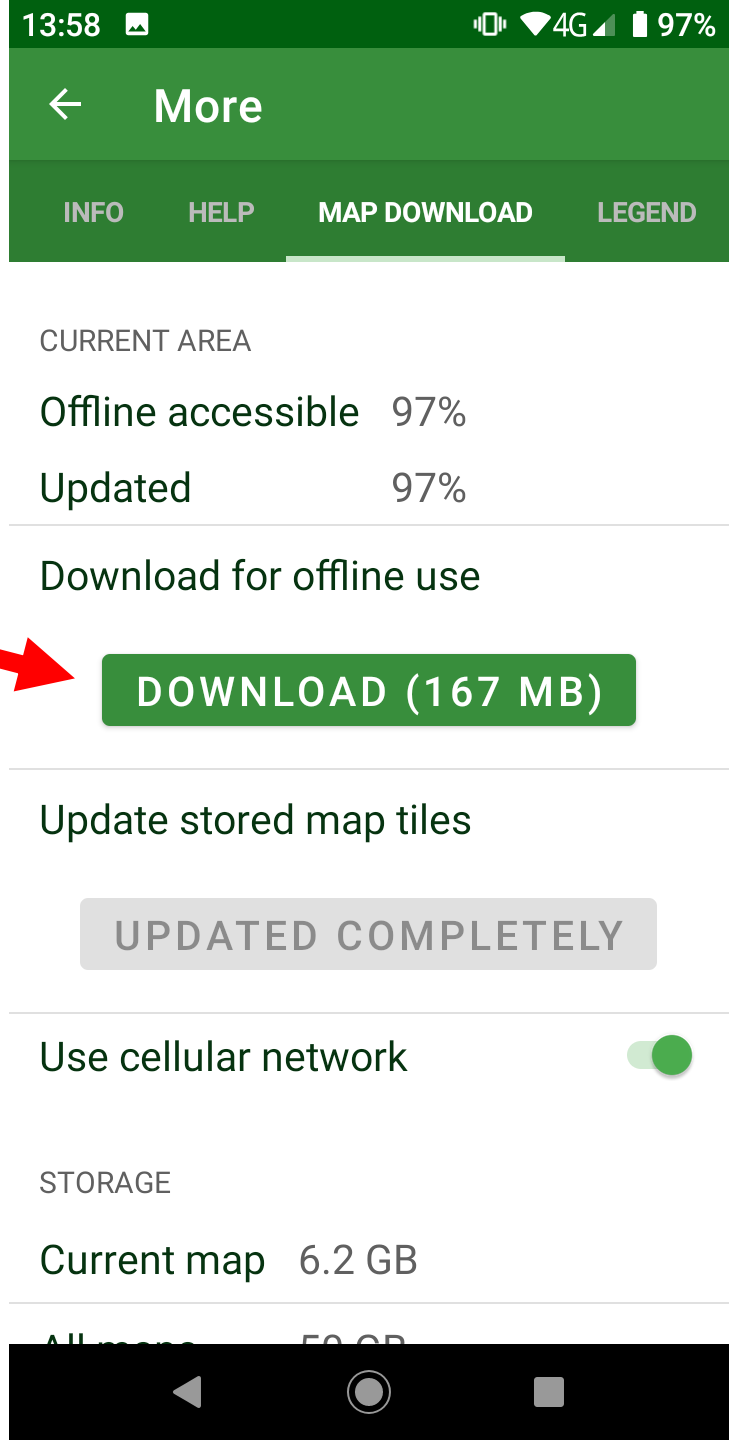
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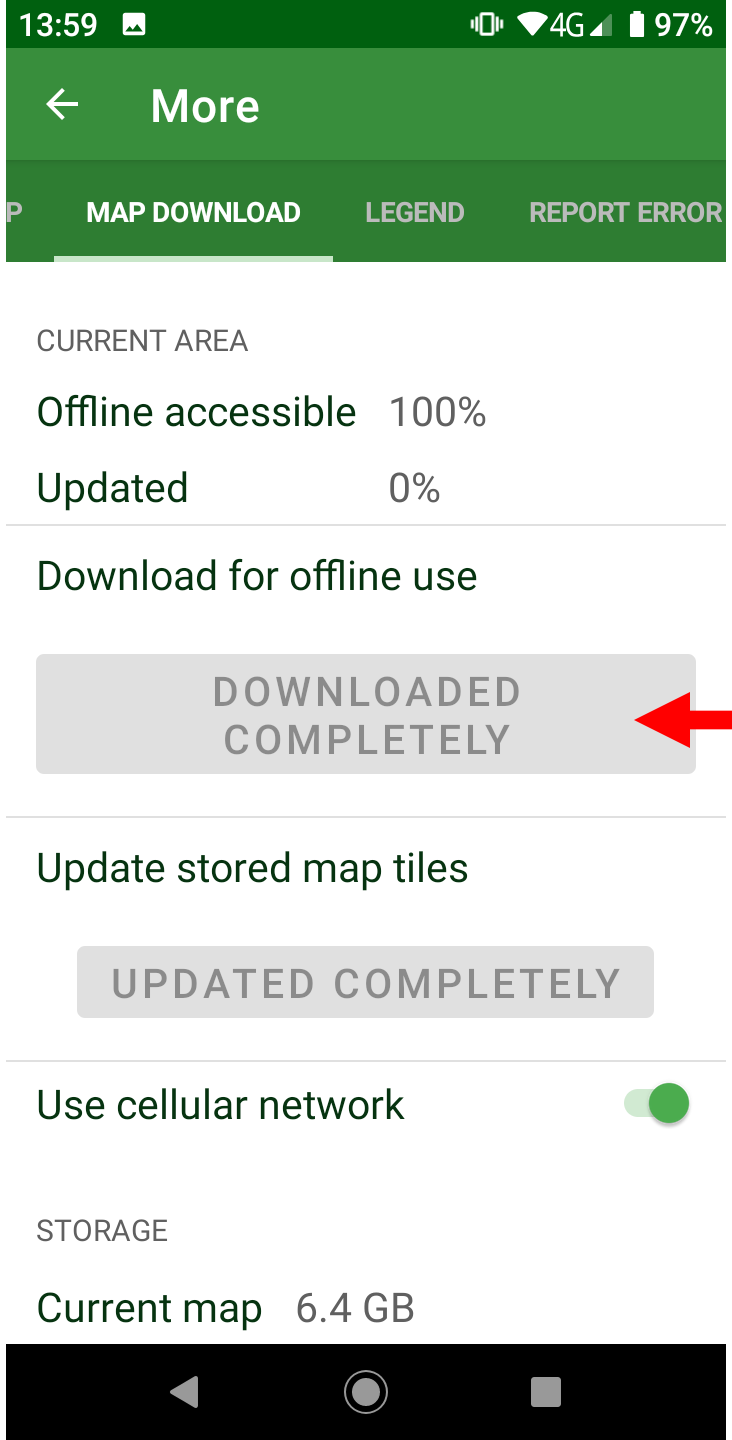
Current map 6.2 GB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SWEDEN DONE!

Strava

- Strava has direct interface with www.skridsko.net
- No need to export/import GPX-files

- Free version of Strava is sufficient
- Remember your login and password, you need it to couple SN to Strava
- You make the connection on My page in SN
- In färdrapporter, you can choose from the list of your Strava tracks

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Email

Voornaam: Rob

Achternaam: Mulders

Alternatieve naam:

Telefoonnummer:

Telefoon ICE: ICE = In Case of Emergency

Emailadres:

Profielfoto: 407885

Standaard kaartpositie: Toon (wijzig) je vooringestelde kaartpositie

Mijn interessegebied: Definieer je eigen interessegebied

Presentatie: "Skate ASAP, but decide where ALAP"

Koppla inloggning:

Sluit aan bij Facebook

Sluit aan bij Google

Koppelen vanuit Strava

EENMALIG

Furthermore: apps for weather

Service	Website	App
Nederlandse KNMI	www.knmi.nl	KNMI
Norwegian Meteorological Institute	www.yr.no	YR
Sveriges meteorologiska och hydrologiska institut	www.smhi.se	SMHI
Finnish Meteorological Institute	en.ilmatieteenlaitos.fi	FMI