



geodienste.ch



Gruppenarbeit: Datenbereitstellung IFC

Travail de groupe Mise à disposition des données IFC

Nicolas Staib

04.09.2023



Organisation

Organisation

- 4 Flipcharts
- 4+ Moderatoren
- 10 Minuten + pro Flipchart
- Ergebnisse um 14.45 Uhr

- *4 Flipcharts*
- *4+ Modérateurs*
- *10 minutes + par Flipchart*
- *Restitution à 14h45*

Gruppenarbeiten am Nachmittag

Travaux de groupes de l'après-midi

Moderator: Peter Staub

Flipchart 1	<p>Minimal data for the issuance of an IFC package: Input of cadastral survey and DTM for the tool</p> <ul style="list-style-type: none">• Input for the tool for the PoC (proof of concept) are Cadastral Survey and DTM. The tool will be originally used by geodienste.ch but can also be used by the cantons in the future. Should any other formats be considered in addition to INTERLIS (AV DM01) as input for cadastral survey (in particular PG Database, gpkg or gdb)? Regarding the DTM, should GeoTIFF, ASC/XYZ and LAS/LAZ be taken as input data?• Which terrain data can you already provide, in which format and which resolution? Can you provide this data through API for the integration in the tool on geodienste.ch?
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Gruppenarbeiten am Nachmittag

Travaux de groupes de l'après-midi

Moderators: Maria Klonner, Adriana Kissling

Flipchart 2

Additional relevant data for the tool: input of 3D buildings

- Which 3D buildings data can you already provide today in terms of format and level of detail?
- Could you provide this data through API for the integration in the tool on geodienste.ch?
- What are the planned developments of your 3D buildings?
- Is it possible to request the data of the whole canton at once and how the data behave at the border of the canton?

Gruppenarbeiten am Nachmittag

Travaux de groupes de l'après-midi

Moderator: Nicolas Staib

Flipchart 3

Discussions around the roadmap:

[IMAGE ROADMAP]

- Do you agree with priorities? Is there anything you would prioritize higher than it is on this list and why?
- Is there any other element you would like to see on the roadmap?

Version / Timeline	What
1 -> PoC 2023	On a pilot area of 1km per 1km, project the real estate data of the CS on the DTM to get an IFC package. CS data is provided by geodienste.ch and DTM by swisstopo.
1.1 MVP 2024.1	Expand on all of CH Add land cover priority 1 (lcsf) Include 3D building data of swissbuildings3D
2 2024.2	Add additional layers of CS (pli, plana, pls, hadr) <i>+ Einzelobjekte, Fixpunkte</i>
3 2024.3	Add cantonal DTM as additional input data
4 2025+	Add Cantonal and/or city building models Integrate a new layer of planned 3D buildings Inclusion of 'difficult' items like bridges (preparation for terrain models of various implementation) Add visual representation on an Internet browser.

Further future, 2030+, possible extensions:

2030	Pipe register, LKCH
2030	Official building Switzerland (including building underground parts).
2030	Tree cadastre

Gruppenarbeiten am Nachmittag

Travaux de groupes de l'après-midi

Flipchart 4: Output of the tool and added value:

Moderator: Ophélie Vincendon, Mathias Ritter

Flipchart 4

Output of the tool and added value:

- Do you agree with the structure of the IFC package?
- Do you think architects, planning offices and infrastructure managers (SBB...) would use this product as clients?
- Would the cantons consider to use such a tool as an IFC producer?

Verteilung

Répartition

- 20 minutes for the first round
- 10 minutes for the 3 next rounds (the moderator present what has already been discussed and the participants enrich with their thoughts).
- Each moderator has 5 minutes to present the results at the end

1 - Peter

Caroline Schmid
Kilian Glaus
Martina Hediger
Romedi Filli
Rony Speck
Ruth Albrecht
Simon Fetscher

2 - Adriana, Maria

François Voisard
Léna Faivre
Marco Engeler
Michael Lanini
Vincent Antille
Vincent Simonin
Zeno Monotti

3 - Nicolas

Christian Sieber
Delia Erb
Dominik Fürer
Felix Berger
Hannah Gies
Michelle Korporaal

4 - Ophélie, Mathias

Andre Rumpold
Cornelia Nussberger
Dominic Kottmann
Kira Stich
Lisa Galland
Vera Diaz-Köhli



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