

# WE AR THE WEB | Q102014.xyz

[zurück zum Dashboard: #Caschlatsch](#)

**Anlass:** Rund um die Hängebrücke la pendentia eröffnet sich für die Gemeinde Disentis ein bisher wenig touristisch erschlossenes Gebiet. #Caschlatsch ergänzt und erweitert diese Attraktion. Zwei Bauten ohne Strom, Touchscreen und Internet-Access thematisieren den Wechsel von parametrischer zu post-parametrischer Modellierung.

Passend zum hier eröffneten Themenfeld, bietet sich ein Pilot- & Impulsprojekt rund um "augmented reality" AR an. Und diese passen kongenial zu den Vorleistungen von:

## Q102014.xyz von #dfdu AG

**Ziel:** Wir wünschen uns weniger eine "coole App", als viel mehr ein nächstes Experiment, welches die Möglichkeiten einer Fokussierung auf Commons unter gänzlich anderen kommunikativen Möglichkeiten thematisiert und an die frühen Anliegen von kollaborativen Schreibprojekten wie Wikipedia, Wikidata, OpenStreetMap etc. anschliesst.

**Hintergrund:** Die Stärke der alpinbarocken Kulturform soll an konkreten Umsetzungen erkennbar und zur Darstellung gebracht werden.

- + Was sind Xerokratische Aktionsformen?
- + Fokussierung auf Commons
- + The Next Organization Will Not Be Organized. #TOWNBO

Das Dokument ist vollständig frei bearbeitbar. Du kannst hier nichts kaputt machen. Das Dokument hat Versionsgeschichte: **SEI MUTIG**. QR-Code zu dieser Arbeitsumgebung.



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Mögliches Projektteam:  
+ Tina Piazzzi, #dfdu AG  
+ Ursina Huonder, /projectC  
+ Christian Loretz, Präsident  
#LaPendentia  
+ Edgar Durschei (?)

...

...

Advisory Board:  
+ Alexandra Moisi (?)  
+

## /WhtsNxt? /TimeLine

(...) | ...

(...) | ...

(...) | ...

**16. September** | start pilot mit paul zu la pendentia

26. august 24 | celine meury: werde ihr das paper von paul in einer woche zeigen

26. august 24 | paul affentranger: fortsetzung

20. August 24: 2. kontakt samuel frei

**16. August 24** | nachfrage von edgar durschei nach stand: (restart)

17. juli 24 | 1. kontakt samuel frei (fischerstube zürich) kontakt von tobias matter weitergegeben

21. mai 24 | ulla autenrieth, fh graubünden

**14. mai** | Meeting mit Regionalentwicklung, La Pendentia und Vischnaunca Mustér. präsentation der ergebnisse. (projekt wird von der vischnaunca weitergeführt. /end)

6. mai | paul affentranger umsetzung dummies la pendentia & #caschlatsch

17. april | nikita leissner (2 meetings / absage)

12. april | tobias matter, hslu

11. april | paul affentranger

23/38 | Evaluation Partnerschaften

10. april 24 | **Christian Hürzeler**, PL GIS, Zürich: Holo Planning

|                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| + ...<br>+ ...<br>+ ...<br>+ ...<br>+ ...<br>+ ...<br>+ ... |  | 23/38   09.04.24: nachfrage Christian Loretz restart from scratch. Nachfrage bei Celiné Meuli, Regionalentwicklung. Start der Evaluation von möglichen Partnern.<br>16/38   26.02.24: Mittagessen <b>Michael Gruebler</b> , Statistisches Amt Zürich<br>14/38   feb: bobby kraft: sketch auf anfangs märz / kontakt verloren :-(<br>2023 nov 23   sms contacts Alexandra Moisi and clarifies the current state of research and possible connectivity on the part of ETH (29.11.23/14h) Discussion of results 4/38<br>3/38   project idea |
|-------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Evaluation möglicher Partner Ziel- Beschreibung:

a) Ich fotografiere einen QR-Code. b) Auf dem Screen meines Smartphones sehe ich die Umgebung, welche ergänzt wird, durch weitere Informationen (Links, Bilder, Töne, Videos, Zeitleiste (Zürich 4D), ...?) c) Ich kann selbst weitere Informationen eintragen und verknüpfen, bzw Einträge editieren, anpassen, verbessern.

| ich verfolge weiter:    | X                                                                                                                                               | X                                                                                                          | -<br>gebe daten an die<br>"professionellen"<br>touristiker weiter                                                | -<br>passt nicht, weil<br>closed                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| /kontakte<br>/kriterien | Afca AG<br>Paul Affentranger<br>teams 11.04.24, 13h<br><br>#HoloPlanningPublic<br><br>?<br>wie genau/präzis muss es<br>im ort eingebunden sein? | HSLU<br>samuel.frei@hslu.ch<br><br>innoswiss<br>Prof. Dr. Gesa Ziemer,<br>HafenCity Universität<br>Hamburg | FH Graubünden:<br><br>Prof. Dr. Ulla<br>Autenrieth<br>ab 22. april wieder<br>erreichbar<br><br>viele kontakte zu | <a href="https://3dqr.de/">https://3dqr.de/</a><br>Nikita Leissner<br>+49 391 556 848 80<br>n.leissner@3dqr.de<br><br>setzen für kanton<br>zürich und herzog de<br>meuron projekt an der |

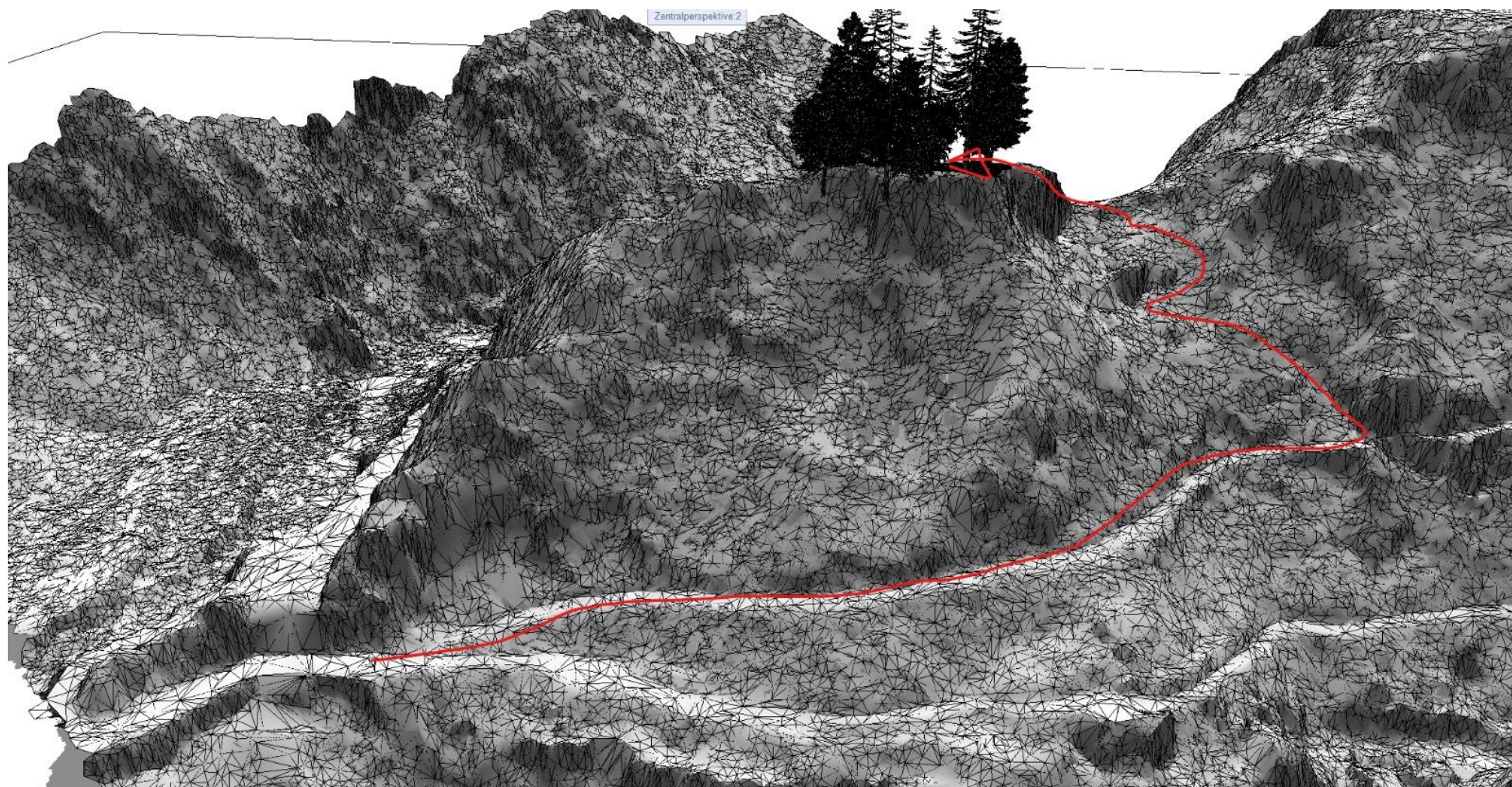
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              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| <p>feedback via eMail<br/>möglich</p> <p>“räumlicher verorteter<br/>content</p> <p>eher keine verbindung<br/>zur community zürich</p> <p><u>16. September:</u><br/><u>Pilot-Umsetzung zur</u><br/><u>Eröffnung von La</u><br/><u>Pendenta am 16. November</u><br/><u>2024</u></p> <p>6. mai 13h<br/>- umsetzung dummie</p> <p>26. august:</p> <p>augmented reality<br/>google<br/>google maps<br/>google earth<br/>paris / singapour cases</p> <p>Beispiel:<br/><u><a href="https://artsandculture.google.com/story/4QWhlepJ2D_bJQ">https://artsandculture</a></u><br/><u><a href="https://artsandculture.google.com/story/4QWhlepJ2D_bJQ">.google.com/story/4QWh</a></u><br/><u><a href="https://artsandculture.google.com/story/4QWhlepJ2D_bJQ">lepJ2D_bJQ</a></u></p> <p><u>videos von paul</u><br/><u>affentranger</u></p> <p>idee:<br/>- baueingaben<br/>- auf basis google<br/>earth</p> <p>- regionalplanung<br/>- andermatt</p> | <p>spezialgebiet<br/>junge leute<br/>partizipation</p> <p><u><a href="https://streamyard.com/txjnegxh84">https://streamyard.com</a></u><br/><u><a href="https://streamyard.com/txjnegxh84">/txjnegxh84</a></u></p> <p>WE AR THE WEB<br/><u><a href="https://streamyard.com/txjnegxh84">Q102014.xyz</a></u></p> <p><u>Aufsetzung Dashboard</u><br/>- <b>woche 20 diskussion</b></p> <p>20. August<br/><u><a href="https://culinarium-alpinum.com/keda-stiftung/">https://culinarium-al</a></u><br/><u><a href="https://culinarium-alpinum.com/keda-stiftung/">pinum.com/keda-stiftu</a></u><br/><u><a href="https://culinarium-alpinum.com/keda-stiftung/">ng/</a></u><br/><u><a href="https://www.sakrallandschaft-innerschweiz.ch/">https://www.sakrallan</a></u><br/><u><a href="https://www.sakrallandschaft-innerschweiz.ch/">dschaft-innerschweiz.</a></u><br/><u><a href="https://www.sakrallandschaft-innerschweiz.ch/">ch/</a></u><br/><u><a href="https://azt.ch/en/">https://azt.ch/en/</a></u><br/>mobiles lernen:<br/>coding<br/>public science<br/>mindset (open, just to<br/>little free)</p> <p>minority report</p> <p>pike finder</p> <p>handy<br/>mobile<br/>plattform</p> | <p>potentiellen partnern.<br/>zb: rhätisches museum:<br/><u><a href="https://www.chur.ch/museum/6354">https://www.chur.ch/mu</a></u><br/><u><a href="https://www.chur.ch/museum/6354">seum/6354</a></u></p> <p>ev. weiterarbeit an der<br/><u>ASHapp.</u></p> <p>Dienstag, 21. Mai 11h</p> <p><u><a href="https://augmentedswissheritage.fhgr.ch/">https://augmentedswiss</a></u><br/><u><a href="https://augmentedswissheritage.fhgr.ch/">heritage.fhgr.ch/</a></u> +<br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">https://www.fhgr.ch/fh</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">-graubuenden/angewan</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">dte-zukunftstechnolog</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">ien/institut-fuer-mul</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">timedia-production-i</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">mp/projekte/augmented</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">-swiss-heritage-oder-</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">die-sichtbarmachung-</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">von-kulturellem-erbe#</a></u><br/><u><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe#cl7628">cl7628</a></u></p> <p>5x 20'000<br/>5x 10'000<br/>= 150'000 dann gehts<br/>los. <b>ich melde mich.</b></p> | <p>uni zürich um.</p> <p>kommerziell?<br/>international</p> <p>tel 11. April 15.15h<br/>teams 17. April 10h</p> <p>ich gebe feedback, wenn<br/>ich mehr weiss</p> <p><b>/// abgesagt</b></p> |
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|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------|
|                                                 | <p>dienst von google nutzen</p> <ul style="list-style-type: none"> <li>- einbettung dynamisch</li> </ul> <p>integration in bauplanung, regionalplanung etc.</p> <p>ifc / bim</p> <p>schnittstelle für user generated content?</p> <ul style="list-style-type: none"> <li>- regionalplanung</li> <li>- baubehörde</li> <li>-</li> </ul> <p>nächster schritt?</p> <ul style="list-style-type: none"> <li>- platzierungen von objekten</li> </ul> <p>1 A4-seite (1 woche)</p> |  |  |                                            |
| Closed - Gated - Open - Ziel: FREE ;-)          | nein                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | closed - gated                             |
| Skalierbarkeit                                  | ja                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  | nein                                       |
| Wer kann Content einpflegen?<br>- wie geht das? | wer berechtigung hat                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | berechtigung. schulung.                    |
|                                                 | - glb (3D-Daten)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | in der regel wird es von 3dqr.de platziert |
| umsetzungsprozess:                              | funktionalitäten definieren                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |                                            |

|                                                                                                                                                                                      |                                                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |
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|                                                                                                                                                                                      | - 2 wochen iterationen                                                                                                                                                                                               |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| webbasiert ja/nein                                                                                                                                                                   | ja                                                                                                                                                                                                                   |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   | bei genauer<br>platzierung ist app<br>besser                                                                                                                                                                    |
| umsetzung                                                                                                                                                                            | produktion dummy:<br><br>3D-modell als<br>glb-datei<br>inkl. gps-koordinaten                                                                                                                                         |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| verbindung zu<br>swisstopo?                                                                                                                                                          |                                                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   | google maps                                                                                                                                                                                                     |
| kosten<br>- software<br>- hosting<br>- ??                                                                                                                                            |                                                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   | kosten:<br>a) erstellen der karte:<br>b) animationen:<br>c) hosting:<br><br>referenzprojekt HM<br>30'000                                                                                                        |
| Ressourcen:                                                                                                                                                                          |                                                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |                                                                                                                                                                                                                 |
| Points of Interest:<br><br><u>Ordner für<br/>Datenmodelle</u><br><br><u>Datei 3D-#Caschlatsch</u><br><br><u>Ziel: GLB-datei</u><br><u>FBX ist auch schon gut</u><br><u>oder: IFC</u> | <b>Kloster Disentis</b><br><br>CH1903+ /<br>LV952'708'410.4,<br>1'173'857.5<br><br>CH1903 /<br>LV03708'409.87,<br>173'857.87<br><br>WGS 84<br>(lat/lon)46.70712,<br>8.85636<br>46°42' 25.621 " N<br>8°51' 22.912 " E | <b>Ruine Caschlatsch</b><br><br>CH1903+ /<br>LV952'708'283.9,<br>1'172'414.2<br><br>CH1903 /<br>LV03708'283.40,<br>172'414.59<br><br>WGS 84<br>(lat/lon)46.69416,<br>8.85437<br>46°41' 38.963 " N<br>8°51' 15.732 " E | <b>Sogn Valentin</b><br><br>CH1903+ /<br>LV952'707'966.8,<br>1'172'039.0<br><br>CH1903 /<br>LV03707'966.32,<br>172'039.42<br><br>WGS 84<br>(lat/lon)46.69083,<br>8.85014<br>46°41' 27.000 " N<br>8°51' 00.493 " E | <b>Sontga Gada</b><br><br>CH1903+ /<br>LV952'707'859.7,<br>1'172'482.2<br><br>CH1903 /<br>LV03707'859.23,<br>172'482.61<br><br>WGS 84<br>(lat/lon)46.69484,<br>8.84884<br>46°41' 41.412 " N<br>8°50' 55.828 " E |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                   |
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|              | <p>UTM489'020, 5'172'628<br/>(zone 32T)</p> <p>MGRS32TMS 89020 72628</p> <p>Höhe 1161.8 m</p>                                                                                                                                                                                                                                                                    | <p>UTM488'865, 5'171'188<br/>(zone 32T)</p> <p>MGRS32TMS 88865 71188</p> <p>Höhe 1132.7 m</p>                                                                                                                                                                                                                       | <p>UTM488'541, 5'170'819<br/>(zone 32T)</p> <p>MGRS32TMS 88541 70819</p> <p>Höhe 1274.9 m</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>UTM488'443, 5'171'264<br/>(zone 32T)</p> <p>MGRS32TMS 88443 71264</p> <p>Höhe 1180.6 m</p>  |
| Kontaktinfos | <p>via !<br/>Michael Grüber</p> <p>via !<br/>Christian Hürzeler</p> <p>Die Informationen zur<br/>HoloPlanning-Communi-<br/>ty Plattform befinden<br/>sich hier:<br/><a href="https://afca.ch/de/projekte/holoplanning">https://afca.ch/de/proj<br/>ekte/holoplanning</a></p> <p>Abo-Preise:<br/>Jahresabo light<br/>CHF 2'000<br/>1 Projekt während 12<br/>Monaten</p> <p>Jahresabo basic<br/>CHF 4'000<br/>3 Projekte während 12<br/>Monaten</p> | <p>via!<br/>Dr. Tobias Matter<br/><a href="https://www.hslu.ch/de-ch/hochschule-luzern/ueber-uns/personensuche/profile/?pid=3997">https://www.hslu.ch/de<br/>-ch/hochschule-luzern<br/>/ueber-uns/personensu<br/>che/profile/?pid=3997</a></p> <p>hat für metron am<br/>projekt in<br/>disentis/muster<br/>gearbeitet.</p> <p>interessiert an<br/>open/free</p> <p>NEU</p> <p>samuel.frei@hslu.ch</p> | <p>via !<br/>Christian Hürzeler</p> <p><a href="https://www.fhgr.ch/fh-graubuenden/angewandte-zukunftstechnologien/institut-fuer-multimedia-production-imp/projekte/augmented-swiss-heritage-oder-die-sichtbarmachung-von-kulturellem-erbe/">https://www.fhgr.ch/fh<br/>-graubuenden/angewan<br/>dte-zukunftstechnolog<br/>ien/institut-fuer-mul<br/>timedia-production-i<br/>mp/projekte/augmented<br/>-swiss-heritage-oder-<br/>die-sichtbarmachung-<br/>von-kulturellem-erbe<br/>/</a></p> <p>Beteiligte<br/>Kirchner Museum Davos,<br/>Heimatismuseum Davos,<br/>Afca AG, discover.swiss</p> <p>Auftrag/Finanzierung</p> | <p>via !<br/>Christian Hürzeler</p>                                                                                                                                               |

|  |                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
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|  | <p>Jahresabo unlimited<br/>CHF 8'000<br/>Unlimitierte Anzahl<br/>Projekte während 12<br/>Monaten</p> |  | <p>Innotour, Kreativfonds<br/>Davos</p> <p>haben App, in welcher<br/>nächste ShowCases<br/>eingearbeitet werden<br/>könnten.<br/>- closed/gated</p> <p>?</p> <p>Prof. Dr. Ulla<br/>Autenrieth<br/>+41 81 286 38 23</p> <p>?</p> <p>dominik.knaus@fhgr.ch<br/>(arbeit mit<br/>studierenden?)<br/>- <a href="#">onna rageth</a><br/>(Regionalrätin des<br/>Instituts für<br/>Kulturforschung<br/>Graubünden)</p> <p>BREGALIA[LAB]<br/><a href="https://www.fhgr.ch/it/ricerca-e-servizi/laboratori-viventi/laboratorio-vivente-bregalia/">https://www.fhgr.ch/it/ricerca-e-servizi/laboratori-viventi/laboratorio-vivente-bregalia/</a></p> <p>?</p> <p>heiko rölke<br/>- <a href="#">gion sialm</a></p> <p>Gion Sialm<br/>telefon 11.04.24,<br/>16.30h<br/>- <a href="#">eher für smart<br/>contracting, etc.</a></p> |  |
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Datei 3D-#Caschlatsch

# Ideen für Fallbeispiele

- Übernahme von Flurnamen (Kanton Graubünden)
- ...
- ...
- ...

# FRÜHERE NOTIZEN... TO BE INCLUDED

## PROJECT-IDEA

### Variant 1: App (Closed Application)

- This version is being developed as a closed application.
- Users will be able to access specific augmented information during walks in the areas around #LaPendentia and #Caschlatsch, near the small village of Disentis/Mustér in the Swiss Alps.
- The app provides targeted, predefined content, enabling a controlled and curated user experience.

### Additional Advantages:

- Higher quality control, as content and features can be strictly monitored.
- Easier to monetize through in-app purchases or subscriptions.

### Additional Disadvantages:

- Less flexibility and adaptability to user needs and preferences.
- Potentially lower user engagement and retention, as content is not influenced by the community.

### Resources:

- [Internet Artists Invaded the MoMA With a Guerrilla Augmented Reality Exhibit](#)

- AR in Architecture (Alexandra Moisi)
- ...
- ...
- ...

Wir empfehlen Ihnen folgende Webseiten mit frei verfügbaren Daten:

<https://www.swisstopo.ch/ar> und <https://www.swisstopo.ch/vr>

Falls Sie mit der ETH zusammenarbeiten und daraus eine Masterthesis entsteht, könnte die Einreichung eines "Proposals" bei <https://www.swisstopo.ch/edu> spannend sein.

#### Variant 2: Free (Open and Editable Application)

- This version is not only openly accessible but also freely editable and extendable, similar to Wikipedia/Wikidata.
- An interface is being developed where content can be freely added so that it can be accessed in XR on mobile devices.
- The area around Disentis/Mustér is just the starting point for the project. The long-term goal is for the platform to enable users to add and edit content for any location.

#### Additional Advantages:

- Encourages innovation and creative contributions from the community.
- Potentially more cost-effective in the long run, as content and updates are community-driven.

#### Additional Disadvantages:

- Challenges in quality control and moderation of user contributions.
- Risk of inconsistent or inaccurate information, as anyone can contribute.

By developing both variants in parallel, you can determine which version best aligns with the goals and needs of the project. While the app version offers a more controlled environment, the free version allows for more dynamic and extensive community involvement.

# Variant 1: App

eMail: Game Design ZHDK: [ulrich.goetz@zhdk.ch](mailto:ulrich.goetz@zhdk.ch) (empfehlung martin zimper)

## Variant 2: Free

Contact: Michael Grübler, Stadt Zürich

<https://www.swisstopo.admin.ch/de/wissen-fakten/geoinformation/augmented-virtual-reality.html>

- eMail geschickt an: [geodata@swisstopo.ch](mailto:geodata@swisstopo.ch)

[Jovita.Pfammatter@swisstopo.ch](mailto:Jovita.Pfammatter@swisstopo.ch) sieht keinen direkten nutzen für eine zusammenarbeit...

- wie weiter?

# LINKS

<https://opendata.swiss/de>

<https://opendatabeer.ch/>

@nzz vom april 2020 | text in english:

- what we could learn from wikipedia/wikidata: <https://dissent.is/nzz/>

# BENCHMARKER

- <https://vr.panotour.ch/F1R27vvELy/34631454p&254.6h&82.5t>
- 2016: <https://youtu.be/lW7dWRXCYLs?si=NdlyVwdKlvqmUZBt>
- ...
- ...
- ...

# Glossary:

Choosing **Extended Reality (XR)** for our project offers several advantages, especially considering the innovative and versatile requirements you have:

1. **Technological Flexibility:** XR encompasses AR, VR, and MR, giving you the freedom to use different aspects of each technology. For example, you could start with AR and later integrate elements of VR or MR, depending on how your needs and capabilities evolve.
2. **Expanded Application Scope:** XR opens up a broader range of application possibilities. While AR primarily augments the real world with digital information, XR allows for deeper immersion into virtual environments, which can be useful for architectural visualizations, interactive education, and other innovative applications.
3. **Future-Proofing:** As XR is an umbrella term, it is a future-proof choice. Technologies are constantly evolving, and an XR-based project can more easily keep pace with new developments and innovations in immersive technologies.
4. **Interdisciplinary Integration:** XR is well-suited for interdisciplinary projects. It can combine technologies, methods, and perspectives from various fields such as architecture, design, education, art, and engineering.
5. **Enhancing User Engagement and Experience:** XR offers unique opportunities for user interaction and engagement. By blending different realities, you can create a rich, interactive, and immersive user experience that goes beyond what is possible with traditional methods.

Overall, opting for XR for your project provides a robust, adaptable, and forward-looking foundation, allowing you to push the boundaries of traditional technologies and develop innovative solutions.

**Augmented Reality (AR):** A technology that overlays digital information on the real-world environment. AR enhances the user's perception of and interaction with the real world. The digital information can include visuals, sounds, and other sensory stimuli.

**Virtual Reality (VR):** A simulated experience that can be similar to or completely different from the real world. VR involves the creation of a fully immersive virtual environment that users can explore and interact with, typically using special headsets or equipment.

**Mixed Reality (MR):** A blend of both real and virtual worlds, creating new environments and visualizations where physical and digital objects co-exist and interact in real time. MR combines aspects of both AR and VR, offering a more immersive experience than AR alone.

**Extended Reality (XR):** An umbrella term encompassing Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR), and other immersive technologies that extend the reality we experience by either blending the virtual and “real” worlds or by creating a fully immersive experience. XR is used to include all of the various forms of computer-altered reality.