



## Digital solutions in Climate, DRR and Environment

CDE Network event, 13th December 2023, SDC Zollikofen

**Registration:** [Please register using this link.](#)

### Background

Digitalisation opens countless possibilities and diverse applications in the field of climate, DRR and environment. Digitalisation can contribute to climate change mitigation and the transition to a carbon neutral, green economy. Earth observation and remote sensing allow collecting climate and environmental data for planning, monitoring, and governance purposes and can be used to respond to climate change and other challenges, and to improve warning, prevention, and preparedness. Digitalisation can also help monitor trends in (restored) ecosystems and help to preserve biodiversity and bionatural capacity. And digitalisation can support the tracking of sustainable development benefits and scaling-up of Climate, DRR and Environment projects through innovative business models. Thus, Switzerland's international cooperation strategy 2021-2024 identifies digitalisation as a priority and vital driver of sustainable development.

However, digitalisation is not an end in itself. How can digitalisation effectively and sustainably support CDE projects? What are opportunities and challenges? And what can be learnt from project experiences? This Switzerland-based network event, the first of the newly merged Climate, DRR and Environment Network of SDC, is designed as a collaborative and varied learning event for curiously exploring opportunities for meaningful digitalisation in projects and for possibly expanding one's own digital mindset. The event builds on the dialogue initiated with the new network's first newsletter on [Digitalisation in Climate, DRR and Environment](#). In doing so, the event is part of a continuous effort to enhance digitalisation among actors of Swiss development cooperation such as the 37<sup>th</sup> AGUASAN Workshop on digitalisation and data management in the water sector.

### Aims of the event

- Fostering a shared understanding of potential fields of applications of digital technologies in CDE.
- Sharing approaches and concrete positive and negative experiences on the application of digital technologies for a climate and disaster resilient, environmentally sustainable development.
- Asking the right questions when assessing the potential of digitalisation in projects.
- Enabling exchange and networking between Switzerland-based members of the newly constituted CDE network and beyond, connect those interested in the specific topic.

### Participants

- Interested colleagues from SDC and partner organisations in Switzerland but open to others who either take a special interest in the topic of digitalisation in support of sustainable development/SDC projects or are curious to discover the potential benefits of such approaches. The event primarily targets participants residing in Switzerland – no travel grants are provided.
- If interest is high, an online broadcast of selected sessions may be considered.

## Call for contributions

In the afternoon, participants will work on a digitalisation check developed by the [Climate Ledger Initiative](#) (CLI), an initiative focusing on digital tools for climate action in the context of international cooperation. The CLI has distilled a guidance of generic steps to assess the digitalisation potential of projects, and has tested and improved it based on projects submitted after a call in the first newsletter of the newly formed CDE Network on [Digitalisation in Climate, DRR and Environment](#). Are you are interested to applying this guidance to one of your projects? Please let us know in the registration form. We will get in touch with you for further information and appreciate your contribution to a practice-oriented event.

## Preliminary programme

08:30-09:00	<b>Registration</b> with coffee and tea
09:00-09:30	<b>Opening remarks</b> by SDC
09:30-10:00	<b>Keynote</b> by representative of the GIZ Digital Development Programme
10:00-10:30	<b>Coffee break</b>
10:30-12:00*	<b>Spotlight on selected applications</b> of digital solutions in CDE: <ul style="list-style-type: none"><li>▪ REAL-TIME DATA: Christophe Lienert introducing the Joint Information Platform GIN (<a href="#">LAINAT/GIN</a>) and Swiss Natural Hazards Portal NHP (<a href="#">LAINAT</a>)</li><li>▪ MONITORING: Roberta Evangelista introducing solutions for monitoring cool storage of agricultural goods to reduce food waste (<a href="#">Your VCCA</a>)</li><li>▪ BUSINESS MODELS: Jürg Füssler introducing transparent blockchain- and mobile-based climate risk insurance in Kenya (<a href="#">BIMA PIMA</a>)</li><li>▪ PARTICIPATION: Mirjam Scheller introducing citizen science tools to assess floods, droughts, and water quality (<a href="#">CrowdWater</a>)</li><li>▪ ADVISORY: Nicole Harari introducing digitally supported advisory services for agriculture (<a href="#">AgriPath</a>)</li></ul>
12:00-13:30	<b>Lunch break</b>
13:30-13.50	<b>Energizer</b> after lunch
13:45-14:50	<b>Case labs</b> in breakout groups, applying a digitalisation checklist to selected projects with the goal of assessing their digitalisation potential
14:50-15:00	<b>Afternoon break</b>
15:00-15.45	<b>Case labs</b> (continued)
15.45-16.35	Discussing <b>the way forward with FDFA Digitalisation Representatives</b>
16:35-16:45	<b>Closing</b>

\*We will broadcast the election of the new member of the Federal Council.