"4T-DLT" – Swiss Initiative Defines Four Pillars of Trustworthy DLT-Ecosystem

Zurich: 20 April, 2021 – Today, the collaborators of the initiative "4T-DLT" have released four short educational videos explaining the basic pillars of a trusted Swiss infrastructure for digital data. About a year ago, Swisscom, Switzerland's leading telecoms & IT company, and MME, a leading Swiss consultancy firm for law, tax and compliance, launched a joint initiative aiming at defining standards for a trustworthy DLT-ecosystem. Under the umbrella of "digitalswitzerland", the members pursue the approach of "federative, collaborative innovation" with the intention to further strengthen Switzerland as a leading financial centre and a global innovation hub for DLT- and fintech projects.

The set-up of a new comprehensive, interoperable and reliable DLT-ecosystem based on Swiss quality standards requires cooperation across companies, organizations and experts as well as interactions with politicians and regulators. This is why MME and Swisscom have gathered industry leaders and experts from the academia to achieve coherence between the technical and the legal sphere and to jointly foster ongoing DLT initiatives.

With the objective to develop these foundations in a protocol-, product- and manufacturer-neutral manner, the collaborators have produced four explanatory videos and are currently working on an initial whitepaper outlining the technical and legal framework to establish a secure, interoperable and reliable digital infrastructure. The whitepaper takes into consideration the recent amendments to Swiss federal laws in the field of distributed electronic ledgers and is expected to be published within only a few weeks from now.

The standardization work is thematically split into four areas – the 4 Trusts –, each of which deals with one of the central pillars of a secure DLT infrastructure:

- **T1 - Trust element of information configuration:** How may the authenticity, integrity, confidentiality and availability of information associated with digital assets be ensured?

- **T2 - Trust element of consensus:** What are the requirements for DLT protocols to allow for a seamless execution of transactions?

- **T3 - Trust element of custody:** How may both companies and private individuals (themselves) be enabled to store digital assets in a reliable and easy manner?

- **T4 - Trust element of the transaction**: How may the liability (value deposit), allocation and transfer of digital assets be ensured in an efficient, legally secure and simple manner?

With a functioning DLT infrastructure, the full potential of DLT technology may be exploited. The initial focus of this initiative was on digital assets, but all digital information, value and rights can be stored autonomously and transferred easily, efficiently and legally validly between the participants of a DLT ecosystem. Switzerland could thus position itself as the world's leading location for standard setting applications based on DLT technology.

Visit www.4t-dlt.ch and learn more about the initiative, its vision and the organization. The team is already working on "season 2" to deep dive into DLT-innovations in action and standardization frameworks to support and boost adoption of the DLT technology.

About digitalswitzerland:

digitalswitzerland is a Swiss-wide, cross-industry initiative that aims to strengthen and anchor Switzerland as a leading global location for digital innovation. Under the umbrella of digitalswitzerland, more than 220 association members and non-political foundation partners work together transversally to achieve this goal.

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