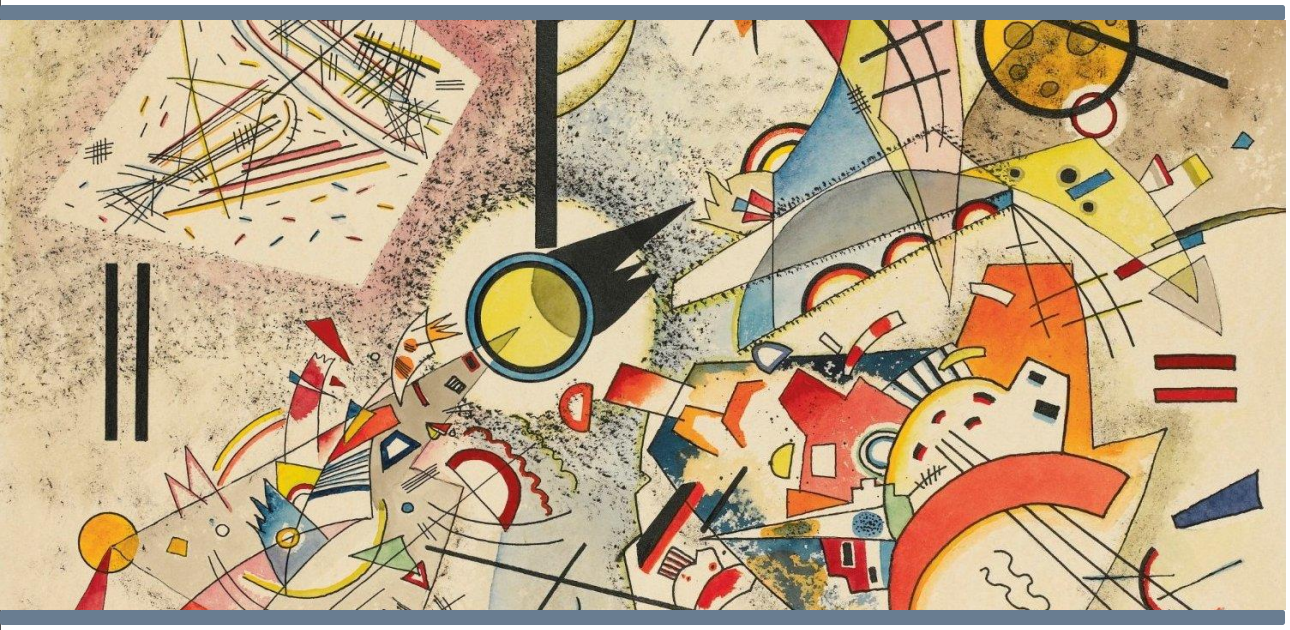
Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences



# Linked Data Activities, E-Government Institute

Linked Data Switzerland Workshop , Bern, 15 September 2016

Stephan Haller, Beat Estermann

Bern University of Applied Sciences | E-Government Institute

# LOD-related activities in the current year

- **Linked Data Kiosk** – Prototype (BAFU)
  http://cpvrlab.github.io/sparql-table-viewer/

- Students' Assignments:
  - Development of an **ontology for the performing arts** (in cooperation with the Swiss Theatre Collection)
    https://github.com/beatestermann/performing-arts

- First steps towards a **National Data Infrastructure: Governance Framework**
  - Linked Data Perspective
  - Base Register Perspective
    Presentation: http://www.slideshare.net/beatestermann/

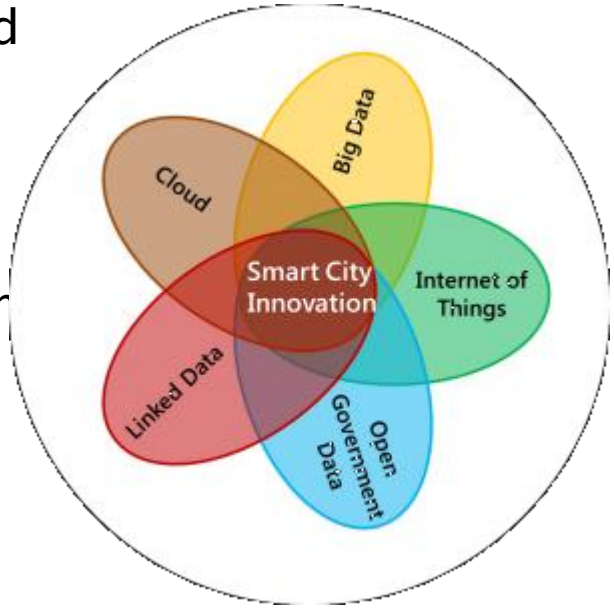
# LOD in a Smart City Context

CPaaS.io
City Platform as a Service – Integrated and Open

## New Horizon 2020 EU-Japan Collaboration Project

- City Platform-as-a-Service – Open and Integrated
- http://www.cpaas.io/

- Main Objectives
  - Develop a Smart City Infrastructure Platform
  - Empower citizens to control their data
  - Impact in cities




Horizon 2020 European Union Funding for Research & Innovation

NICT

Bern University of Applied Sciences | E-Government Institute

# Outlook

- **Aids & Guidelines**
  - Publication of tabular data as Linked Data (BAFU)
  - Ingestion of heritage data and government data into Wikidata (students' assignment)

- **Community of Practice:**
  - eGov-Fokus «Linked Data in Practice»
  - Open Cultural Data Hackathon 2017 with Linked Data Workshop

- Further development of the **Performing Arts Ontology** in view of the creation of a Swiss Performing Arts Platform by the Swiss Theater Collection and the Swiss Dance Archive

# Challenges / Questionings

- **LINDAS Triple Store** presently not functioning properly. – When will the replacement of the Triple Store be in effect?
- To what extent are the **legal conditions** regulating the use of federal government data compatible with CC-0 and thus compatible with Wikidata?
- Getting Swiss **Base Registers open and linked**