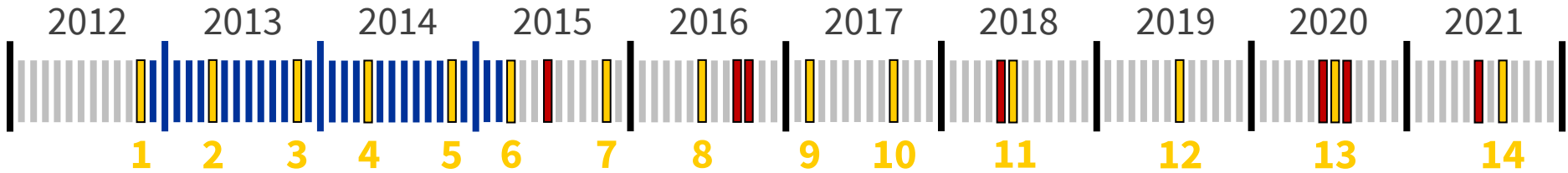




14th Technical User Community meeting

Peter Boncz, Alastair Green, Gábor Szárnyas

LDBC timeline



SNB Interactive
SIGMOD 2015

SPB
BLINK 2016

G-CORE
SIGMOD 2018

Datagen v2
GRADES 2020

PG-Keys
SIGMOD 2021

Graphalytics
VLDB 2016

SNB BI draft
GRADES 2018

ACID tests
TPCTC 2020

EU FP7 project

TUC meetings

Papers

Highlights

Our last in-person event was the 2019 TUC in Amsterdam.

Since then, our **task forces and working groups** worked on **creating graph benchmarks** and supported the **standardization of graph query languages**.

2020 TuGraph system **audited** with SNB Interactive
Revised **byelaws, licenses, and intellectual property rights**

2021 **PG-Keys paper** accepted at SIGMOD
New **website** and revised **IT infrastructure**
6 new member organizations:

Ant Group; Pometry

AWS; Birkbeck, University of London; Redis Labs; Ultpa

Membership

20 organizations, others in the queue

- 4 sponsor companies, 12 regular companies
- 4 academic institutions



Companies



Institutions



Individual members and contributors: **50+**

Progress towards a professional operation

July 2019: BoD agreed to regularize our financial and administrative affairs

Alastair Green appointed as Vice-Chair to take on this task

We have created a membership structure including formal IP policies that is typical of a standards organization, but which respects the OSS culture of LDBC

This enables us to publish our own **benchmark standards**, to contribute to **external standards** like SQL/PGQ and GQL, and publish **technical reports** and refereed papers resulting from community collaborations

We are now working on protecting **the brand and reputation of LDBC** as a benchmark supervisor, and to underpin progress towards a norm of audited benchmarks

Financial position

LDBC is financed by organization members dues (membership subscription fees)

Our next financial year begins on 1 January 2022

We expect, given current and expected membership, that we will invoice for:

4 sponsor members × 8,000 EUR = 32,000 EUR

13 company members × 2,000 EUR = 26,000 EUR

4 university members × 1,000 EUR = 4,000 EUR

Total new funding for 2022 will be ~ **60,000 EUR**, with **carried forward reserves** anticipated by year end of ~ **30,000 EUR**.

A **strong position** to fund IP protection, development of standards and associated data set production/storage, and reinforcement of LDBC as an increasingly professional, permanent operation, which stands **at the crossroads of graph data management**.