Digitized Thailand Platform

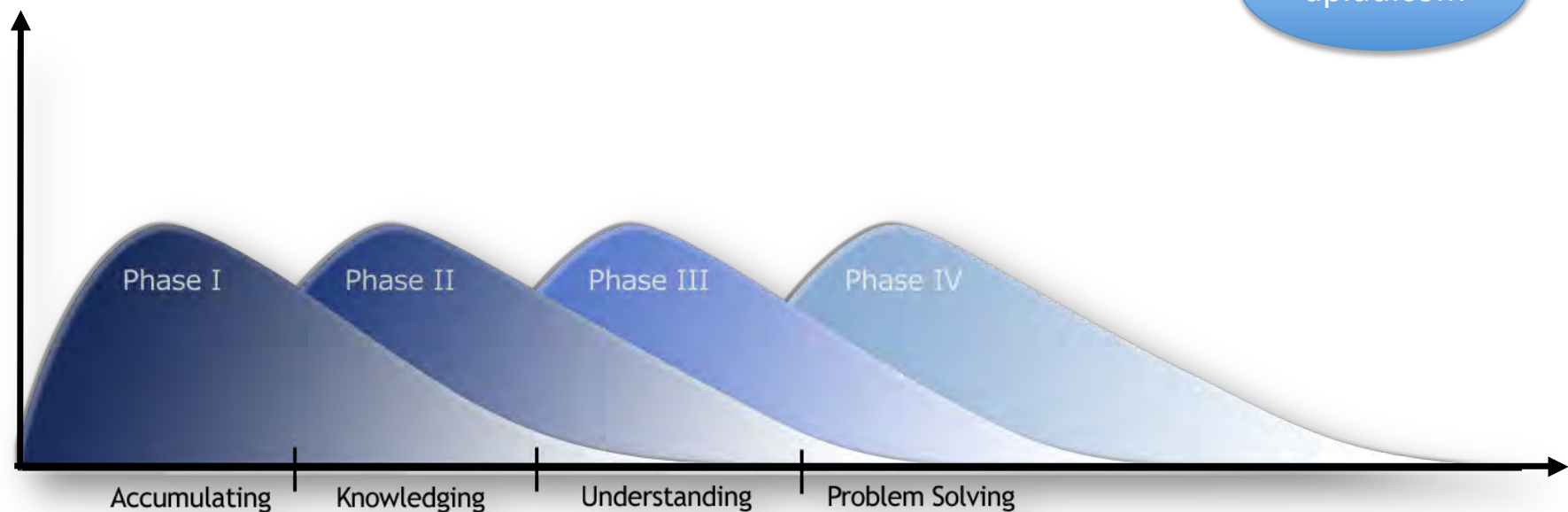Virach Sornlertlamvanich

virach@gmail.com

Digitized Thailand: The Ultimate Goal

- **DT is a framework** for collaboration in technology and content development

- **DT is a platform** for digital content sharing

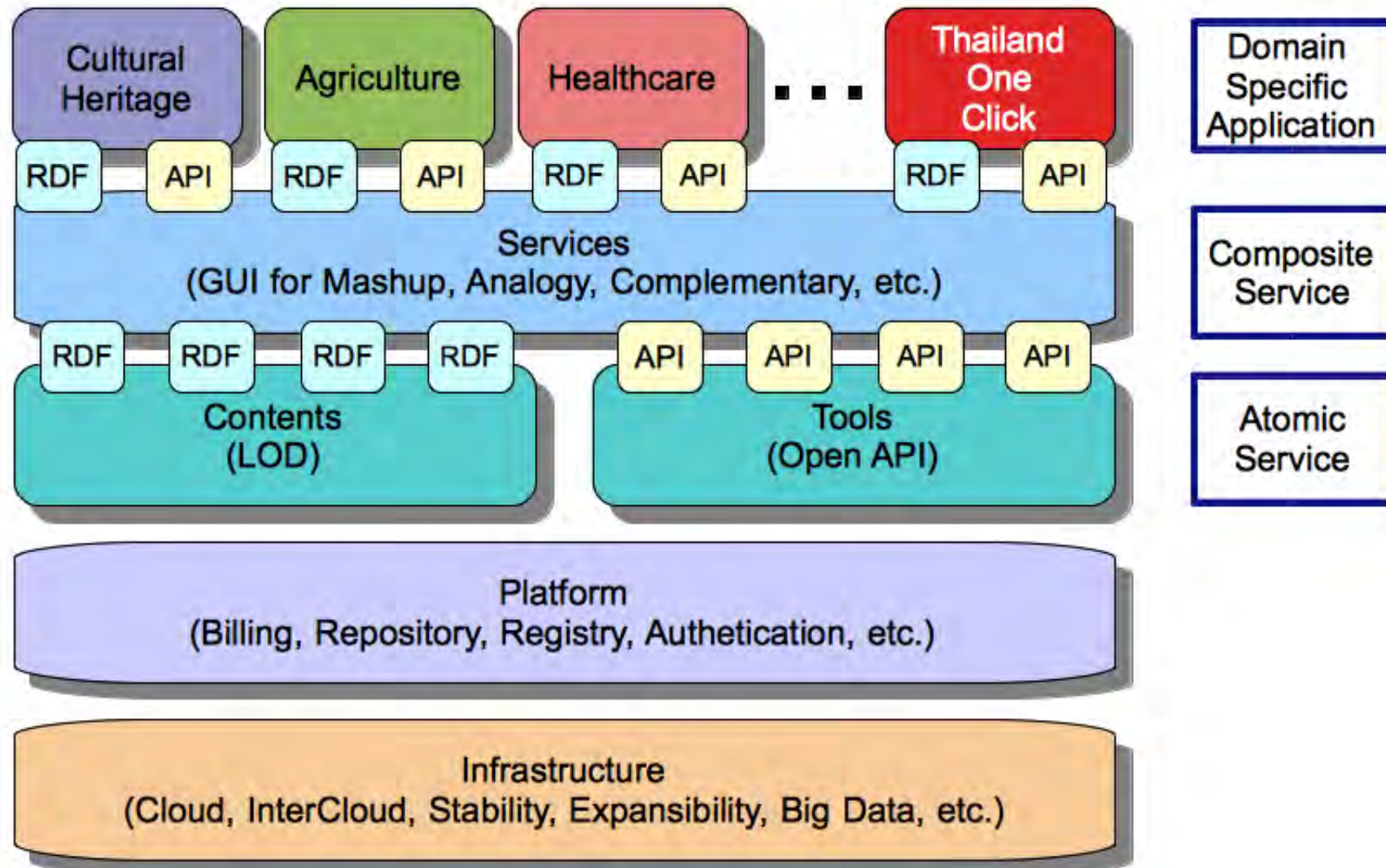- Toward creative economy, **DT PaaS** will be established

Open API

API MarketPlace

apidd.com

Phase I   Phase II   Phase III   Phase IV

Accumulating   Knowledging   Understanding   Problem Solving

Framework of Open API

NECTEC-ACE 2013, The Sukosol Hotel, Dec. 13, 2013.
virach@gmail.com

Big Data, Big Opportunity

(http://www.cmo.com/articles/2012/3/20/big-data-big-opportunity-infographic.html)

- Big data comes from
    - "Billions of chats, blogs, e-mails, mobile phone calls, and social networks, consumers are talking about every business and organization. Somewhere in this massive conversation are shouts, whispers, clicks, and purchases that will determine each company's success or failure."
- Many organizations are data-rich and insight-poor
- Turning data into real-time insight, and insight into instant action
- Turning Big Data into a Big Asset
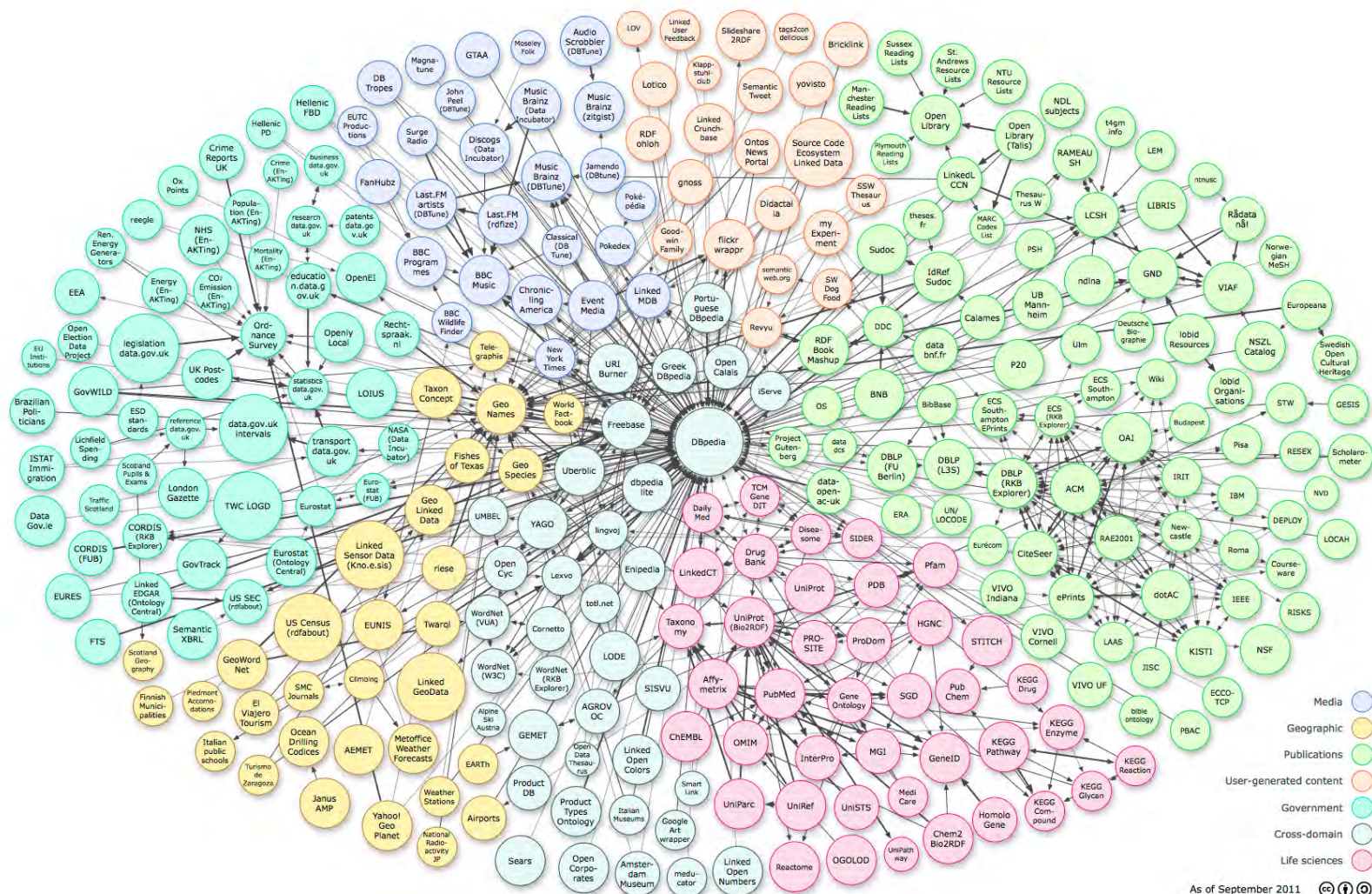- Finding a path from Big Data to Big Opportunity

Why Linked Data?

- Linked Data is a promising technology for **closing the gap** between SOA and unstructured information management
- wealth of knowledge available as **LOD can be leveraged as background knowledge** for Enterprise applications
- The application of Linked Data in the enterprise is still largely unexplored (**opportunity**)
- Linked Data will make Enterprise Information Integration more **flexible, iterative, cost effective**

Auer, Frischmuth, Klímek, Tramp, Unbehauen, Holzweißig, Marquardt: **Linked Data in Enterprise Information Integration** Submitted to Semantic Web Journal.

The Linking Open Data cloud diagram
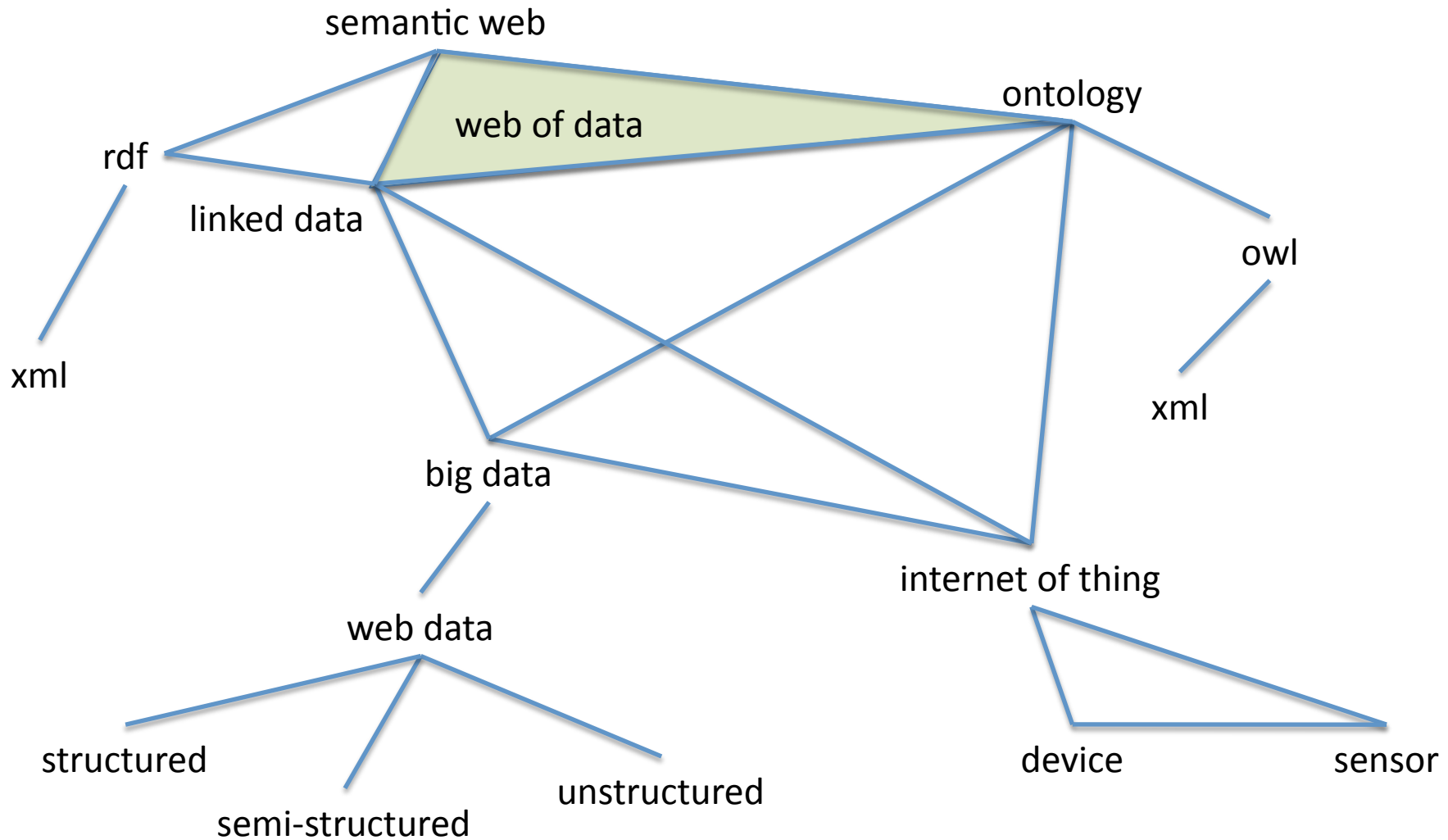## --datasets that have been published in Linked Data format--

http://lod-cloud.net/

Web of Data
–the Big Picture--

semantic web

web of data

ontology

rdf

linked data

owl

xml

xml

big data

internet of thing

web data

structured

semi-structured

unstructured

device

sensor

FINALE