# Implementing S3 in Lithuania: the Valleys project

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2019

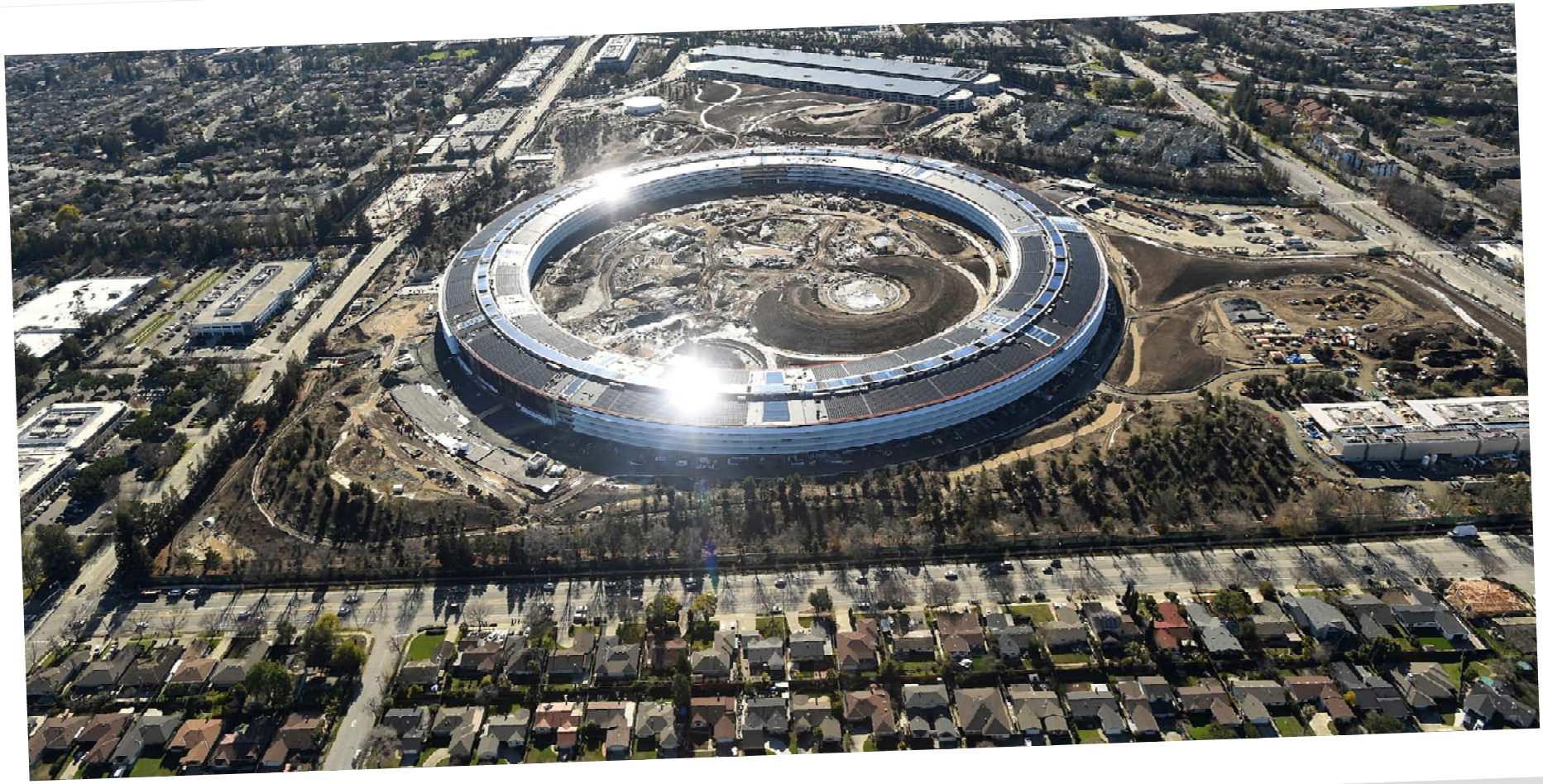
mita

# Lithuania – largest Baltic State

**Area: 65K km²**

**Population: 2.8M**

**GDP per capita: €28K**



# 2007

# Concept of Establishment and Development of Valleys

*(approved by the Government)*

# 3 needs

a) to have clear investment priorities for 2007-2013

b) to further develop science and technology parks

c) to push business closer to science

# business meets science

# Valley –

integrated
science,
study and
business center

# >300M Euro

## MARINE VALLEY

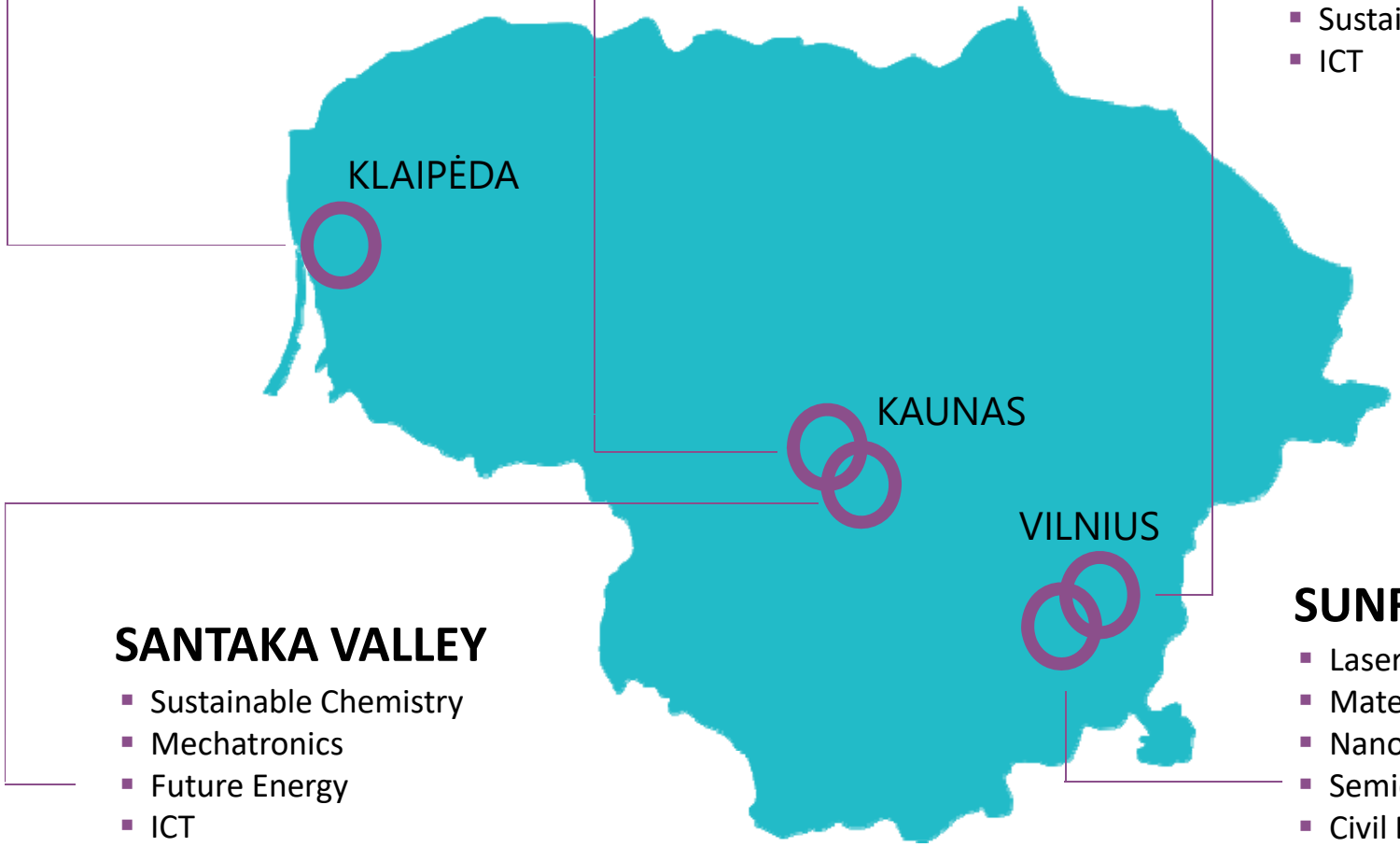
- Marine environment
- Marine technologies

## NEMUNAS VALLEY

- Agrobiotechnology
- Bioenergy and Forestry
- Food technologies

## SANTARA VALLEY

- Biotechnology
- Molecular Medicine
- Biopharmacy
- Sustainable Development
- ICT




## SANTAKA VALLEY

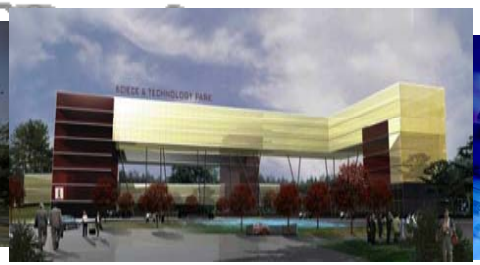
- Sustainable Chemistry
- Mechatronics
- Future Energy
- ICT

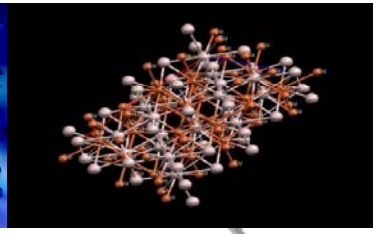
## SUNRISE VALLEY

- Laser and Light Technologies
- Materials Science
- Nanotechnologies
- Semiconductor Physics
- Civil Engineering

# Concentration of R&D and study infrastructure. "Sunrise Valley"

## R&D, study and business cluster for physical and technological sciences

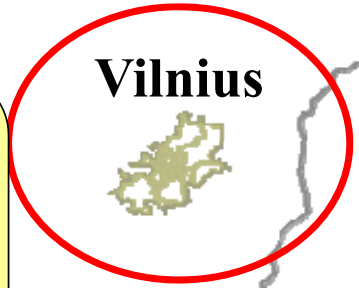




**Participants:**
- Vilnius University
- Vilnius Gediminas Technical University
- Centre for Physical and Technologies sciences
- Science and Technology Parks: "Sunrise Valley", Northtown Technology Park"

**R&D fields:**
- Laser and Light Technologies;
- Material Science and Nanoengineering;
- Electronics and Organic Electronics;
- Civil Engineering

**Projects:**
- National Centre of Physical and Technological Sciences with Technology Transfer hub (700 researchers)
- Civil Engineering Centre (80 researchers)
- Laser Research Centre (20 researchers)
- Scientific Communication Centre with a digital technical library
- 2 Science and technology parks
- Zone for investment and innovation




State investments – 102,3 M €

# formal ending in 2016

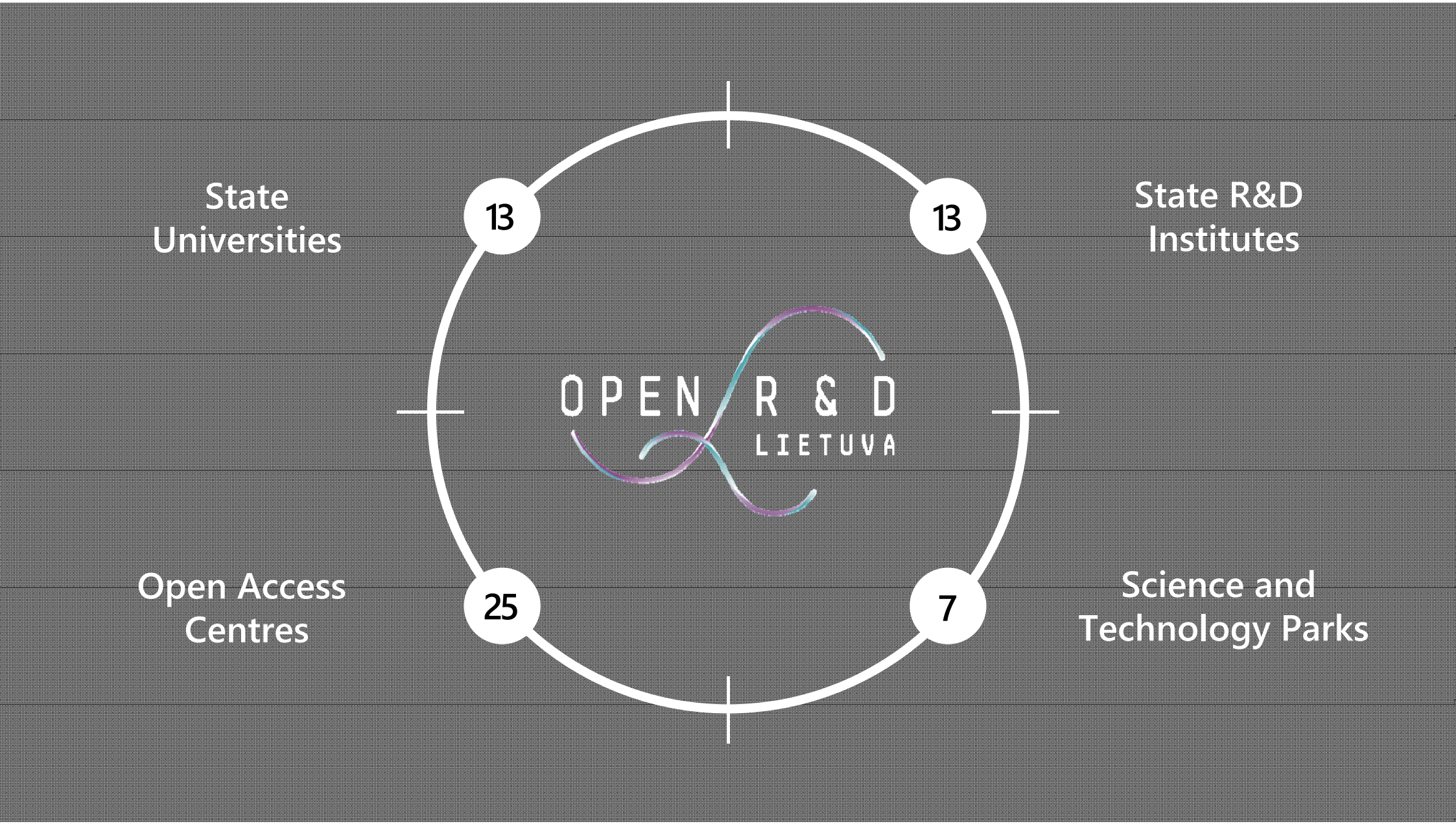
Modern R&D centres

Talent attraction

Increased science-business cooperation

Research excellence

International competitiveness


State Universities
13
13
State R&D Institutes
OPEN R & D
LIETUVA
Open Access Centres
25
7
Science and Technology Parks

# Lessons learned (1)

## It’s not only physical infrastructure

## Business involvement

## Management and coordination

# Lessons learned (2)

**Sustainability**

**It takes time**

**All in**

Work
in
progress

# Thank you

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