Lithuanian LNG cluster

2016.10.18
Aim

Lithuanian LNG cluster aims at establishing Lithuania as LNG technology and distribution center in BSR by developing knowledge, technology and business partnerships in order to enable LNG business models, establish Lithuanian LNG terminal as a distribution hub for the region.
Strategy

- Leadership/Talent
  - Scientists/Students
    - Engineers
      - Managers/Entrepreneurs
  - New Business models
    - Technologies
      - Business partnership
        - Value chains
- Game-changing capabilities
  - Intellectual property
    - Infrastructure
      - Education
Process

• Creating innovation projects
• Educating and rising awareness
• Training
• Promoting
• Sourcing funding
Content

LNG

Technology
- Energy production
- LNG powered transport
- LNG storage

Logistics
- LNG small scale terminals
- LNG distribution
- Navigation and Operation of LNG powered transport
## Ongoing projects

<table>
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<tr>
<th>Technology</th>
<th>Logistics</th>
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<tr>
<td>Utilization of LNG cold energy for refrigerated terminal</td>
<td>Establishment of LNG terminal process simulator and training infrastructure.</td>
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<td>LNG use for rail locomotives</td>
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<td>Geothermal power use for regasification of LNG</td>
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<td>LAB infrastructure for LNG research and production quality management</td>
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Navigational simulators at KU

FSRU and reloading station

Navigational and process simulators at Maritime academy

Vakarų centrinė laboratorių industry Lab

Process simulators and HSE training – In progress

Industry training and research Projects

LNG competence center

Education

Part-financed by the European Union (European Regional Development Fund)
Go LNG

BSR Blue corridor strategy

BSR LNG Business Cluster

BSR LNG competence center

Integrated value chain study

Functioning business network

Training programs

LNG fuel distribution strategy

International conference

Training and research infrastructure

LNG Standard and regulation toolbox

Study visits

Service package

LNG shipping index

B To B meetings

Network of training institutions

LNG Standard and regulation toolbox

B To B meetings

Business plans and pilot projects

Part-financed by the European Union (European Regional Development Fund)
BSR LNG competence center

- Network of organizations
- Gathering competitive infrastructure
- Specialization
- Collaboration model
- Commercialization

We need to gather competence, knowledge, infrastructure and experience to establish competitive training center, to provide expertise globally.

Output- functioning network of organizations
Partners

Go LNG

Part-financed by the European Union (European Regional Development Fund)