

VINCC

Vienna International Nuclear Competence Centre

established, hosted,
facilitated by the

NKMI
NUCLEAR
KNOWLEDGE
MANAGEMENT
INSTITUTE

Vienna, June 2014

VINCC - Vienna International Nuclear Competence Centre

The **VINCC** is a knowledge network of industrial and scientific organizations driving nuclear development for peaceful, safe, secure and competitive applications. Its main objective is to provide **nuclear competence** and **nuclear infrastructure support**.

VINCC is a **network made “by the companies for the companies”** with the specific intent to promote and to create an integrated supply chain in different segments of nuclear technology, and to aggregate competence of small and medium enterprises.

It is aimed at **consolidating and capturing the actual and future technical expertise** thanks also to the cooperation with research centers and universities specialized in nuclear education, training and R&D.

VINCC is a cluster promoted and supported by important firms, leaders in the nuclear field, **recognized as a supplier of excellence, providing quality services and products**.

It is initiated, hosted and facilitated by the **Nuclear Knowledge Management Institute**

Mission One:

“Serve member organizations to grow, cluster and market competence”

Improved international visibility and reputation

Synergies among cluster companies and partners

Operating on the market with a wider portfolio

Cooperation with scientific organizations

Maintaining of high quality human resources

Access to new nuclear programs in new countries

Cross-selling (Health, Agriculture, Industry, etc.)

Lobbying in the international community in Vienna

Work with large, demanding clients
(like Rosatom, Areva, Westinghouse and others)

Higher credibility and
competiveness

Expanded markets
and opportunities

Wider capacity to
deliver services

Consolidated
excellence in safety
and security

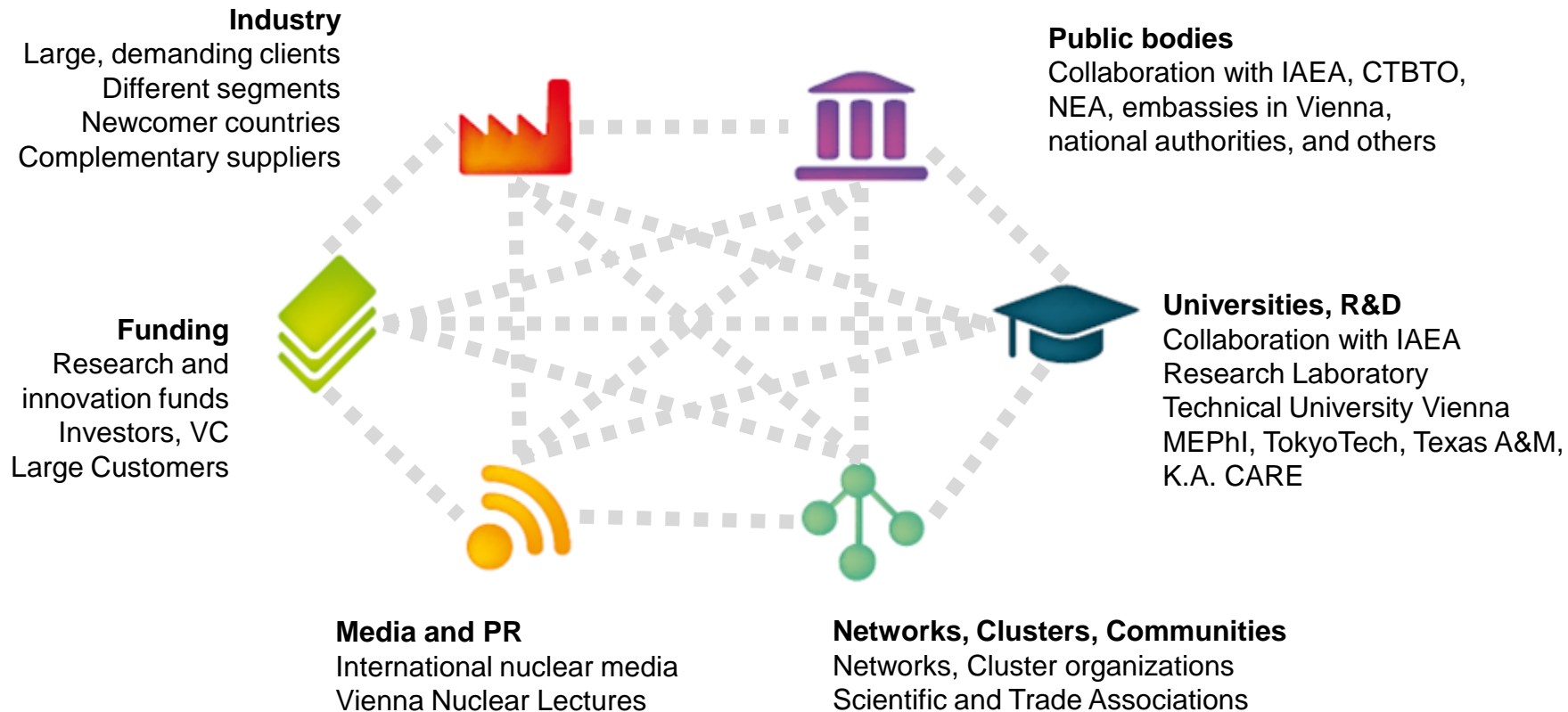
Customer satisfaction
and follow up

Mission Two:

“Develop Synergy and Catalyze Knowledge and Innovation”



VINCC: An International Organization for Nuclear Competence



Vienna International Nuclear Competence Centre concentrates **a number of different actors which jointly can address fundamental needs of nuclear competence in Europe and in the World, especially in the developing countries.**

Leveraging Nuclear Knowledge

General public

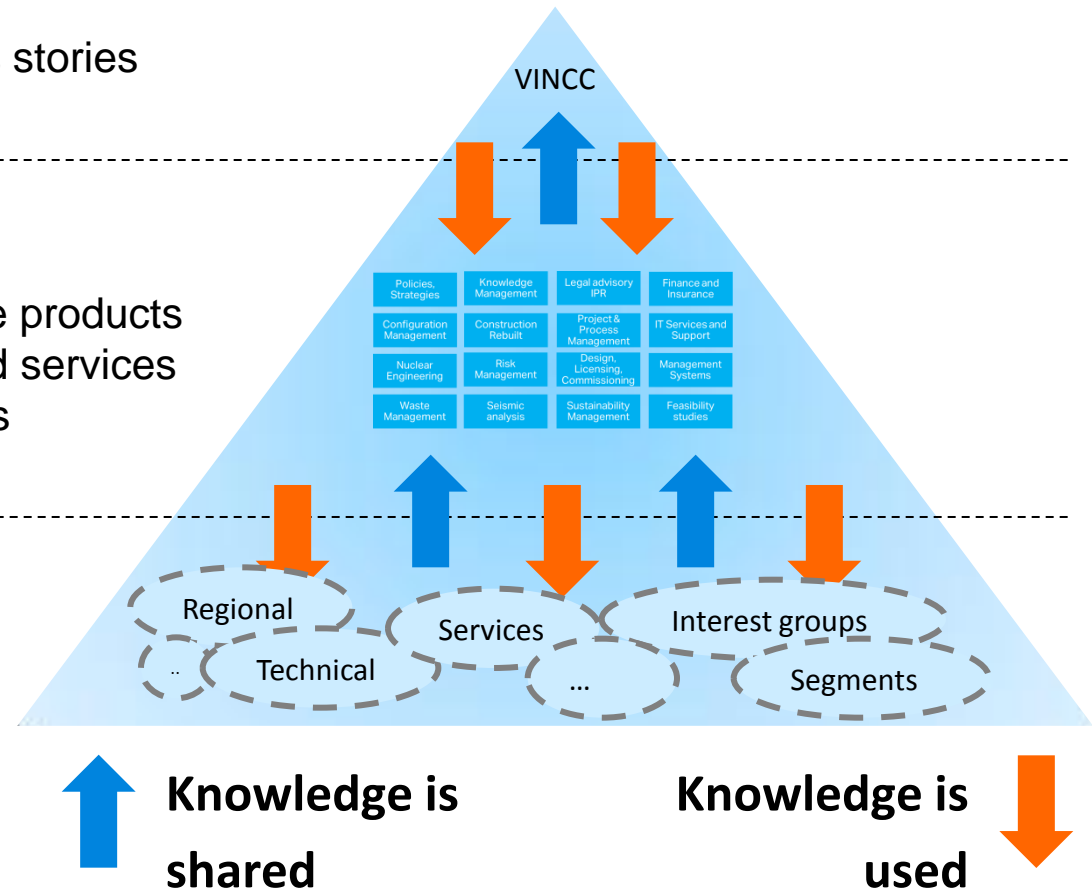
- General one way information; International awareness, success stories
- Social responsibility of VINCC

Nuclear Knowledge Markets

- Thematic Knowledge Markets
- Qualified, professional knowledge products
- Facilitated matching of needs and services
- Responsibility: NuMark facilitators
- Access: open to all members

Communities of Practice

- Thematic collaboration
- Sharing needs and resources; co-creating services and solutions, user-experiences
- Access: regulated by networks



The VINCC virtual knowledge space

<p>User-friendly Platform to Share Experience</p>	<p>Work management</p> <p>Full-spectrum PM, unified tasks, site mailbox</p>	<p>Cloud</p> <p>Office 365, Azure services, external sharing, internet sites</p>	<p>Interoperability</p> <p>Business connectivity services, hybrid, OData, Duet</p>	<p>New app model</p> <p>Web standards, easier dev and deployment, marketplace</p>
	<p>Documents</p> <p>SkyDrive Pro for document sync and offline working</p>	<p>Mobile</p> <p>Anywhere access on Windows Phone, and IOS</p>	<p>Compliance</p> <p>Policy and discovery across SP/Exch/Lync, Prodiance</p>	<p>Management</p> <p>Upgrade, request manager, efficient file I/O, OAuth</p>
<p>Modern look-and-feel, simplicity, animation, focus on core tasks</p>	<p>Internet</p> <p>Personalization, multi-lingual sites, Dreamweaver support</p>	<p>BI</p> <p>Excel 2013, Power View, PowerPivot, Excel services</p>	<p>Search</p> <p>Experience, single core, adaptive, graphical refiners, search apps</p>	<p>Social</p> <p>Personal sites, feeds, communities, follows, likes, Yammer</p>

Key initiatives: „Vienna Nuclear Talks“

- A come-together of the international nuclear community with outstanding high-level experts in Vienna,
- An internationally visible lighthouse-event of VINCC in September back to back with the General Conference of IAEA.
- „Vienna Nuclear Davos“
- Communication and participation of society ,
- Hosted by the NKMI/VINCC at the Vienna Tech-Gate, Austria.



Key initiatives: „Vienna Nuclear Knowledge Café“

- Facilitated matching events with customers, service providers, R&D and other stakeholders in a pleasant environment. Systematic addressing of delegations and visitors to the IAEA
- Frequency: Depending on the number and activity of the markets, can be several per week.
- Communication and participation: Invited
- Responsibility: NuMark Facilitators, hosted by the Facilitator/VINCC at the Vienna Tech Gate, Austria.



From loose relations to professional „Nuclear Knowledge Marketplace“

From loose relations...

- Spontaneous, individual, regional limits
- Low transparency of capacities and needs
- Informal, missing rules
- Sustainable commitment low
- Mostly bilateral relations
- Low methodological diversity
- Missing technical support
- High variety of knowledge products
- Occasional, scattered meetings
- Weak financial commitment
- No facilitation, no targets, unmanaged



...to a professional nuclear knowledge market

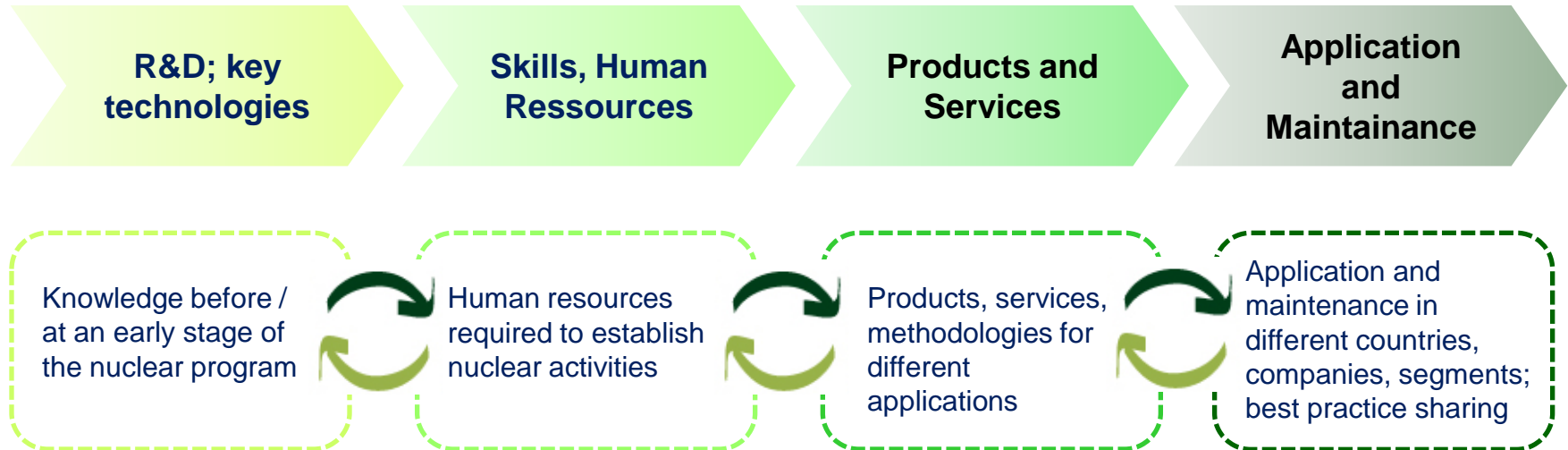
- Strategic, organizational, international
- Increases transparency of the market and broader collaboration
- Facilitated dialogue with clear rules
- Balanced inputs and benefits
- Primarily multilateral and comprehensive
- Blended activities of knowledge sharing
- Professional tools for k-sharing
- Common knowledge products
- Continuous collaboration
- Adequate, shared financial commitment
- Facilitated, agreed targets, managed

Services of VINCC

- Connect partners, build trust
- Match needs and competences
- Innovate, develop, improve
- Align/relate strategic ambitions
- Integrate specialized services
- Build consortia, generate business

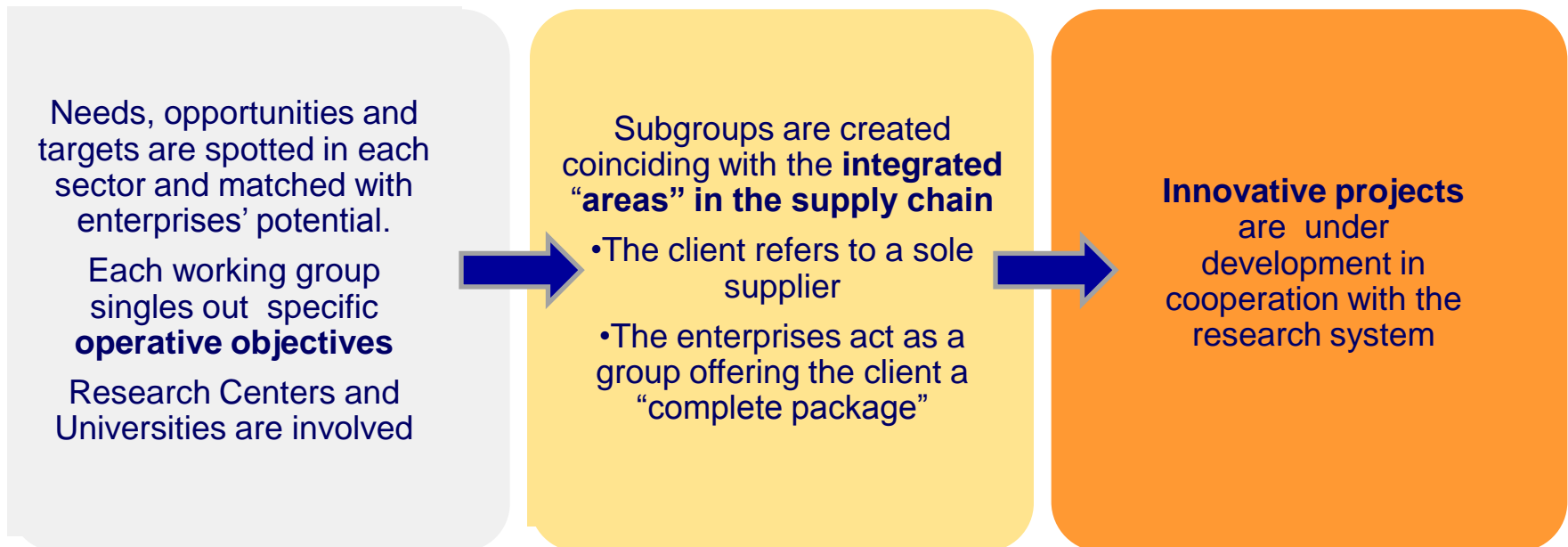


VINCC value chain of supporting infrastructure and innovation



The VINCC is a horizontal value chain so to satisfy highest clients needs through thought and technology leadership. Shared strategies, research, marketing and enterprise services aim at delivering the customer an integrated, holistic offering, and a “complete package”.

Integrated value chain to provide innovative services

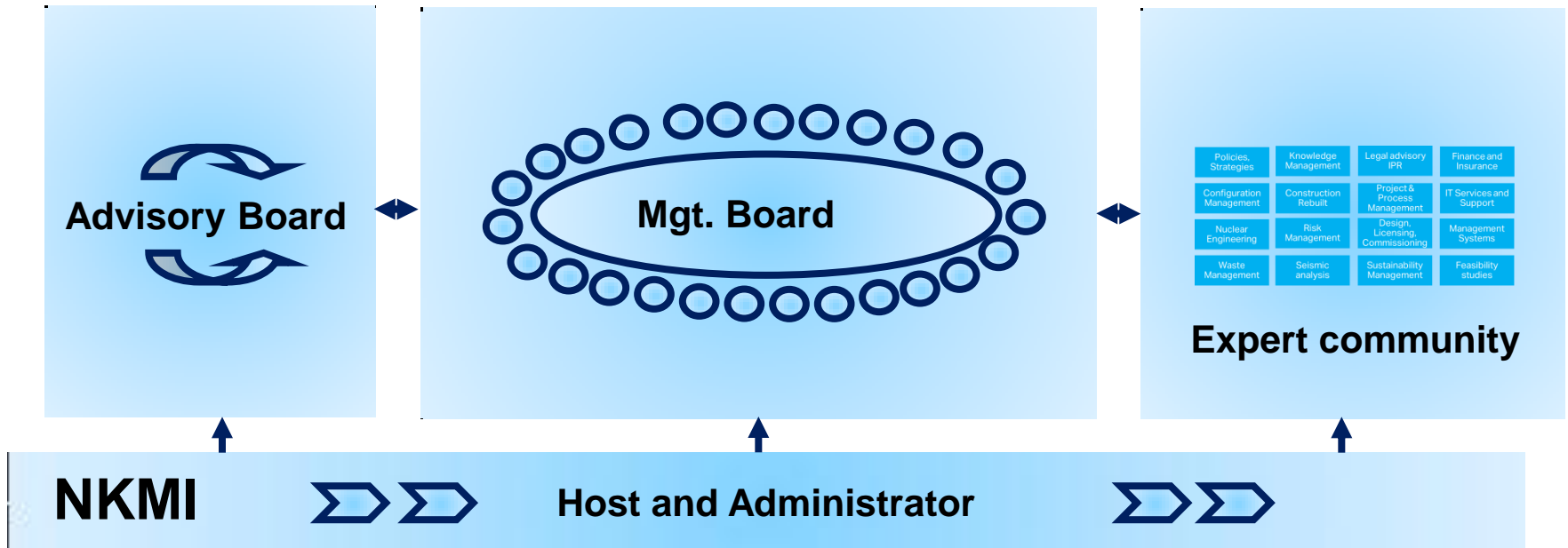


VINCC: Competences (selection)

The Cluster can assemble a comprehensive range of nuclear competences

Policies, Strategies	Knowledge Management	Legal advisory IPR	Finance and Insurance
Configuration Management	Construction Rebuilt	Project & Process Management	IT Services and Support
Nuclear Engineering	Risk Management	Design, Licensing, Commissioning	Management Systems
Waste Management	Seismic analysis	Sustainability Management	Feasibility studies

VINCC: Cluster Structure



VINCC Management

KEY PRINCIPLES

The Cluster is hosted and administered by the NKMI.

The International Advisory Board of the NKMI acts as an Advisory body to the VINCC.

The Management Board is composed by representatives of all participating companies.

Initiatives and projects, that do not effect all members, are subject to an open dialogue, decisions are taken by the participating organizations.

The expert community is self-organized in technical areas and supported by the Management Board.

VINCC Activities for 2014

ACTION 1: ORGANIZATION BUILDING

- **Setup and enlargement of the Center**
- **Communication to international partners**

ACTION 2: ACTIVITIES

- **UAE NKM Project**
- **Saudi Arabian NKM Tender**
- **Coordinated Research Project with IAEA, Horizon 2020, others**
- **Training (AECL, ROSATOM, ICTP, others)**

Cluster Activities for 2014

ACTION 3: RESEARCH AND INNOVATION

- *Submission of Project proposals in the frame of European, National and Regional Financed Programmes*

ACTION 4: INTERNAZIONALIZATION AND MARKETING

- *One to one meetings with Opinion Leaders and Stake holders*
- *Meetings with clients*
- **Marketing**
 - *Individual meetings with lead customers to match needs and service capacities of the Cluster.*
 - *Needs assessment with lead customers to identify strategic and operative needs -> develop a short and long term training and development plan.*
 - *Represent the VINCC at the IAEA HR-Conference in May 2014*

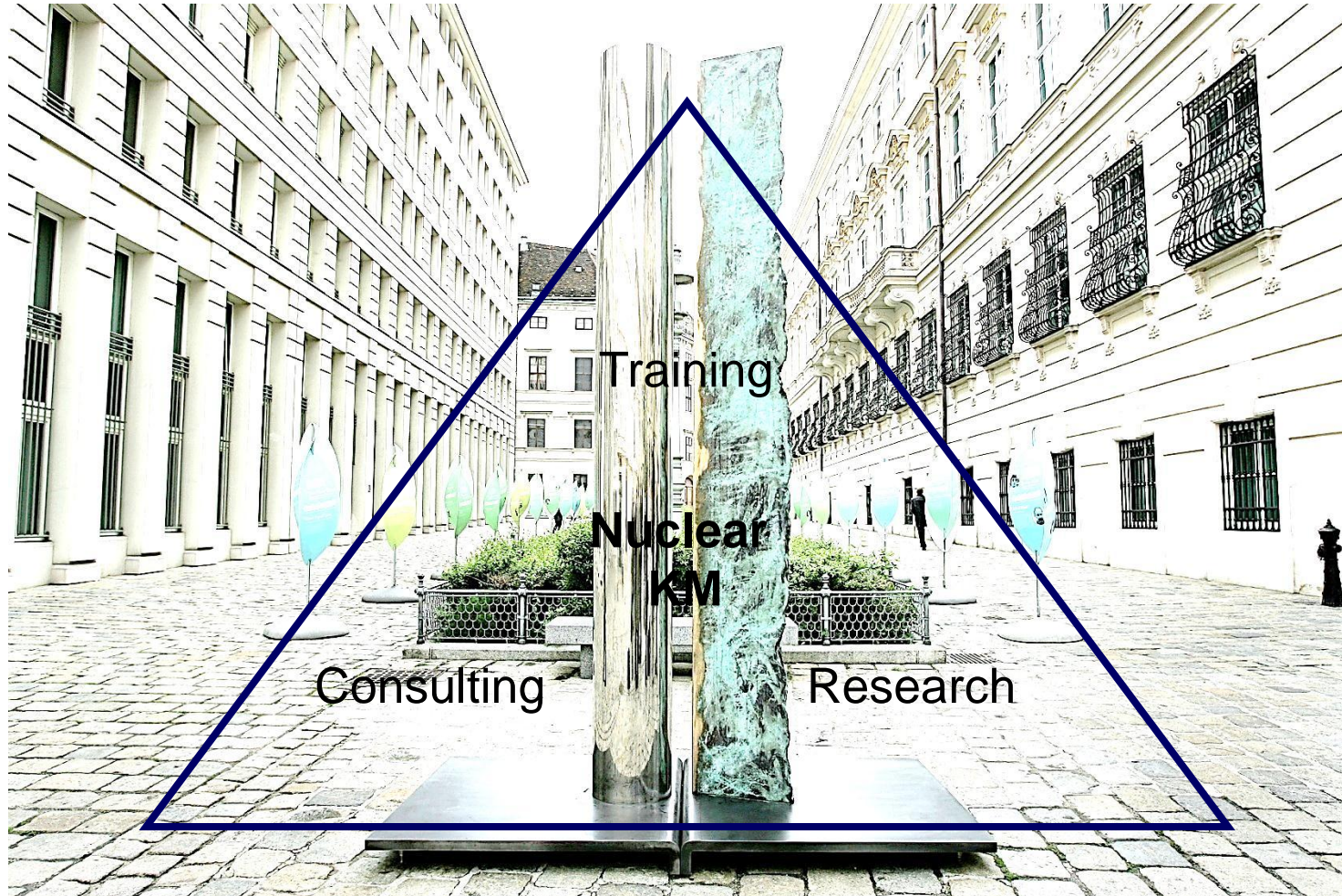
Cluster Activities for 2014

ACTION 6: NETWORKING

- *Official collaboration with world leading clusters or competence centres (FORATOM, MEPhI, ENEN, KA-CARE, SNERDI, KUSTAR, others)*

NKMI: A comprehensive service provider in Managing Nuclear Knowledge

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International KM Award: The Column of Knowledge

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