



KIU Innovation Ecosystem

Magda Magradze
Chancellor
KIU

Mission of Universities

The **Third Mission** represents the economic and social **mission** of the **university** and its contribution to communities and territories. ...

A continuous process of entrepreneurial discovery and exploration of market opportunities can foster collaboration between **university**-industry-government.

KIUInnovate

Create Innovations Ecosystem at KIU

KIU aspires to bring together **the most important organizations and people** in the KIU environment to **enable innovation**, strengthen the **ties between industry and science** and build up a **strong entrepreneurial spirit** amongst students thus promoting economic growth of the region and country.

Kutaisi International University

- NEW INTERNATIONAL EDUCATIONAL SPACE, OPENED IN 2020
- NEW UNIVERSITY CITY AND CAMPUS IN GEORGIA
- INTERNATIONAL HUB OF EDUCATION, RESEARCH, INNOVATIONS AND TECHNOLOGY IN THE SOUTH CAUCASUS REGION
- HADRON THERAPY CENTER (HTC)

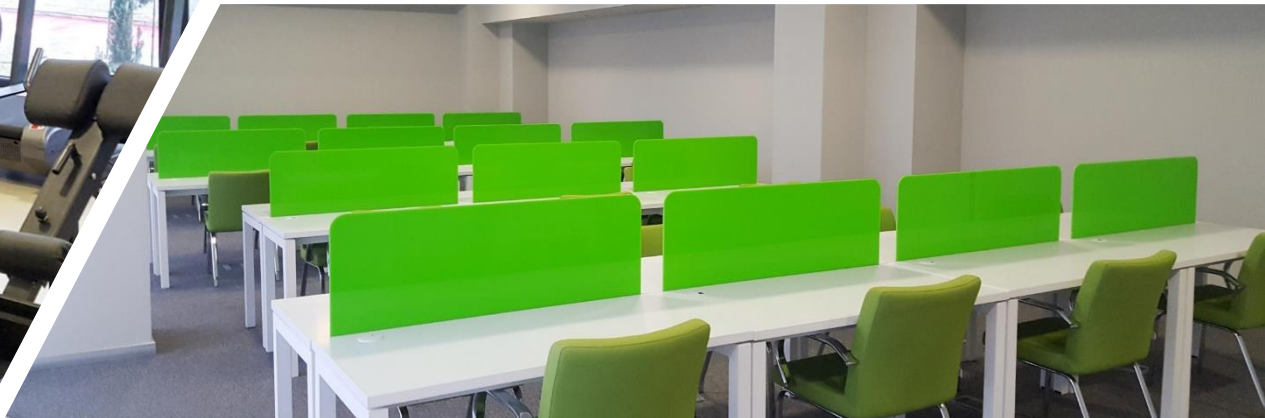
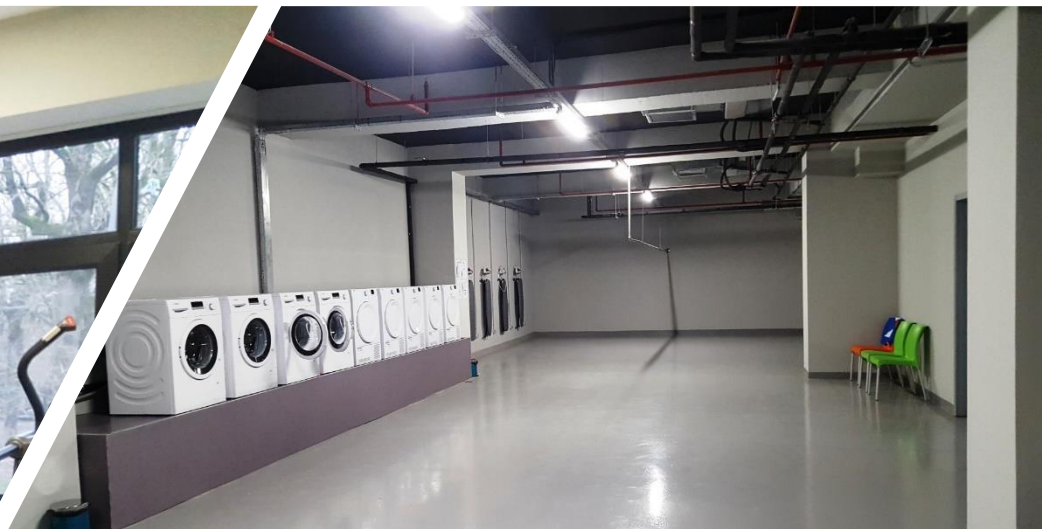


CAMPUS

- 158 HECTARES OF LAND
- LOCATED IN A FOREST CULTIVATED WITH ENDEMIC TREE VARIETIES
- 170,000 SQ.M. DEVELOPMENT (KIU BUILDINGS)

 KUTAIISI
INTERNATIONAL
UNIVERSITY







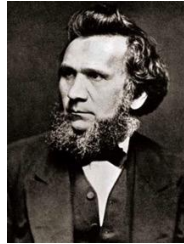
Academic Programs

- Computer Science BSc
- Mathematics BSc
- Management BSc



TUM International GmbH

The University Company



“The **spark of science**
shall spread
to the industrial world!“

Karl Max von Bauernfeind
Founding Director of TUM (1868)



The
entrepreneurial,
interdisciplinary
and international
character of TUM
stands out!

100 % owner of TUM International



TUM International GmbH
The University Company

TUM International GmbH as the Innovation Ecosystem Designer
for disruptive, innovative and sustainable Ecosystems.



How do we define an Innovation Ecosystem?

Developing Innovation Ecosystems means building up a strong network

Definition:

"[...] an evolving set of actors, activities, and the institutions and relations, [...] that are important for the innovative performance of an actor."

Networking

Fostering
collaboration

Beneficial
partnerships

Learning from
each other

Mutual
understanding



Innovation Ecosystem

Interaction Industry – KIU using TUM Knowhow

Industry Advisory
Council

TUM Global
Development Lab
Georgia

Support for Start-Ups

Founding Ambassador

Incubation Center

Start-Up Accelerator

Innovation Market

Makerspace

Start-Up Network

Technology Transfer

Innovation Manager

Technology Transfer
Manager

Business Meets Science

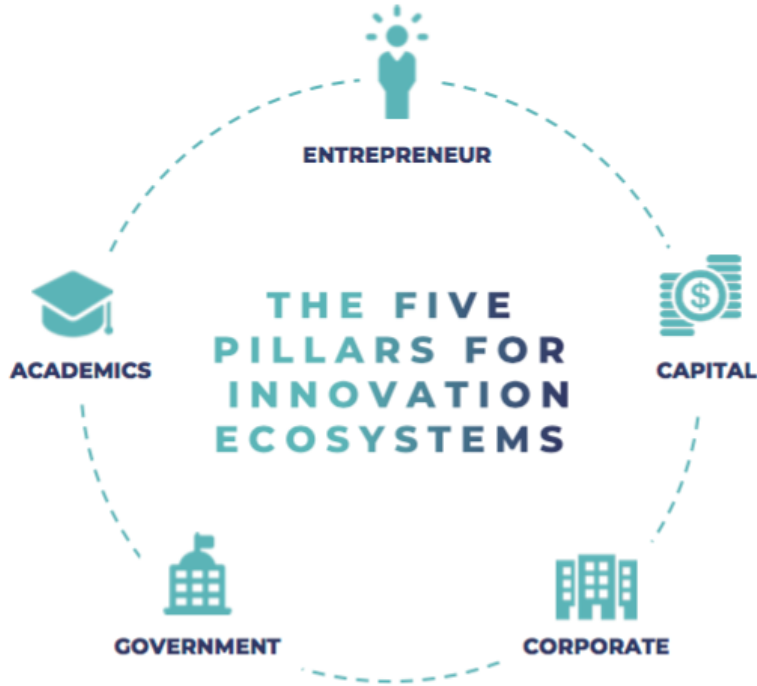
Business Roadshow

Regional Service
Learning

Innovation Center

The Theory behind Innovation Ecosystem Development

Successful Innovation Ecosystem require dedicated stakeholders



Why do we need innovation ecosystems:

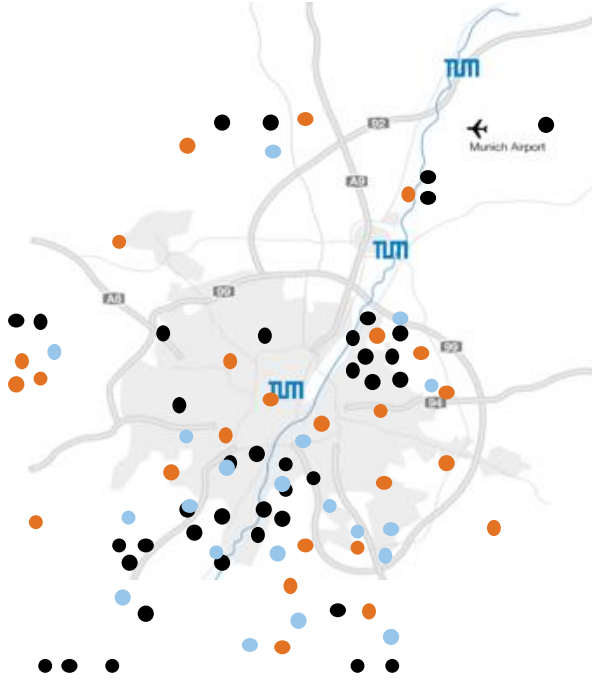
- Today's challenges require **combination of technologies and competencies**
- **Knowledge** and **capabilities** are split and scattered among potential players
- Intensify relationships, **cooperate** and build up **networks** with other partners to innovate

Ecosystems emerge when actors work together and enter relationships

Munich Innovation Ecosystem

Reference case – Innovation Ecosystems drive regional development

Academic Network



Industry Network



Start-up Network



Munich Innovation Ecosystem

Reference case – Innovation Ecosystems drive regional development



KIUINNOVATE – Innovation Ecosystem for KIU

What are the benefits?

- 1) Building up a **strong network** with other actors working in the field of innovation
- 2) Opening up possibility for **acquiring new roadmaps and research projects**
- 3) Fostering **co-creation** within the working group as well as your company / organisation
- 4) Strengthening **visibility internally and externally** / on a national and international level
- 5) Having the opportunity to **shape the KIUINNOVATE** right from the start
- 6) Sustainable contribution to **strengthening competitiveness**



KIUINNOVATE – Innovation Ecosystem for KIU

Steps to create a strong foundation



SESSION 1:
Exploring the
opportunities and
challenges

SESSION 2:
Understanding what
challenge to focus
on and generate
solutions

SESSION 3:
From quantity to
quality and a
concrete action
roadmap

Continuous
**Implementation
Follow-up**

Project Idea 1

KIU Tech Labs

Project Description: Tech labs at KIU for students to learn by making/doing (PBL), KIU to reach out to and enable companies to use the tech lab and help students to work on real world problems, organize events for business using the lab, capstone projects, internships.

Today	June	July	August	September	October	November	December	We want to in order to ...
Project Idea Tech Labs at universities for students	<p>Create a structural unit responsible for ecosystem collaborations/Labs/ co-working spaces and fostering innovation in KIU</p>	<p>Come up with the framework of the lab and general "agreement"</p> <p>Hold meetings with tech startups and inform them about the opportunity</p> <p>Hold meetings with tech companies and inform them about the format</p>	<p>Spread information about the lab among the students</p>	<p>Budget for the lab equipment and staff (lab manager)</p> <p>Sign up at least one tech company for the LAB project</p>	<p>Hold a "selection" event for the first batch of student candidates for the LAB (competition judged by the KIU and the tech company)</p>	<p>Have the company bring at least one project into the lab</p>	<p>Have the company hold educational activities in the lab</p>	<p>Have at least one up and running LAB in conjunction with a tech company or a startup and at least 10 KIU students "working" in the lab on the tasks by the company</p>

Project Idea 2

Support Entrepreneurs through Creation of KIU Co-Working Space

Project Description: Make an actual space e.g. Co-Working Space with trainings/workshops and support Entrepreneurial students at KIU in creating their ventures while studying (i.e. Entrepreneur in residence program)

Today	June	July	August	September	October	November	December	We want to in order to ...
Project Idea Support of Entrepreneurs through Co-Working Space		Come up with a pre-acceleration program curriculum for the students		Hold educational activities for entrepreneurial students to work on their ideas	Plan regular "demo day" events for the participating students and give them exposure of "investors"	Set up a co-working space and equip it		Have at least 5 "startup projects" ongoing by the KIU students inside the space

Project Idea 3

Strengthen Regional Innovation Centers through Creation of a RIC Hub at KIU

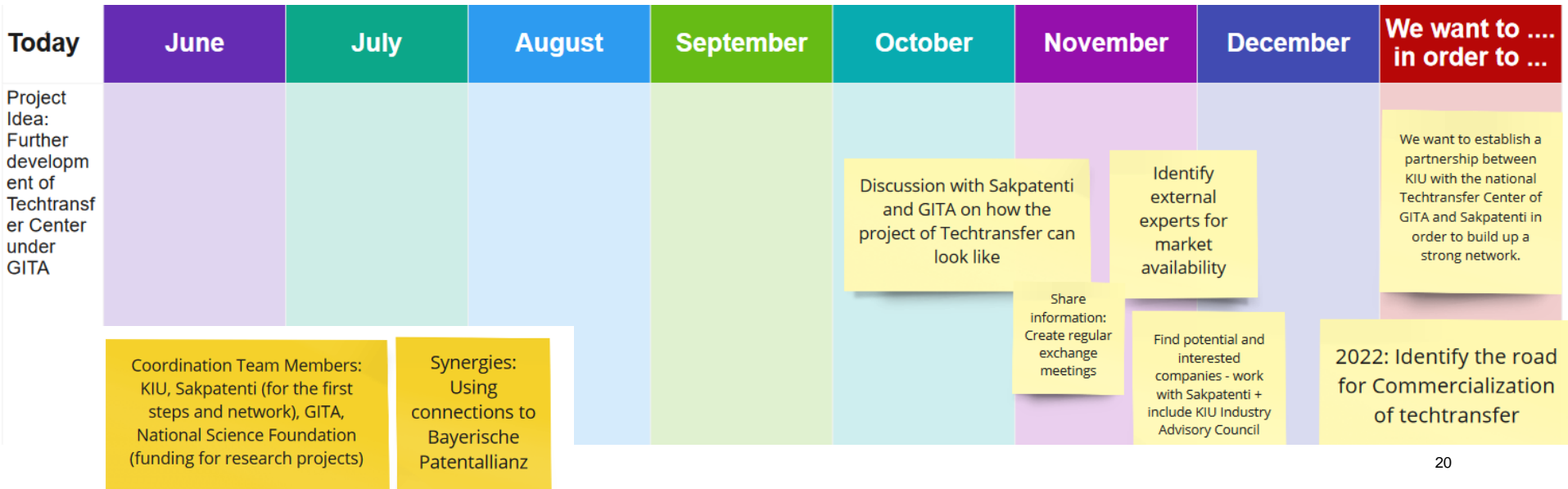
Project Description: Increasing regional exposure through KIU (e.g. capacity building, training) plus strengthening Regional Innovation Centers (create a hub with other stakeholders in the region)



Project Idea 4

Partnership between KIU and Techtransfer Center of GITA

Project Description: Further development of Techtransfer Center under GITA. Establish a partnership between KIU , The Techtransfer Center of GITA and Sakpatenti in order to build a strong partnership.



Project Idea 5

College of Education for (STEM) teachers

Project Description: Creation of a College of Education to train STEM teachers and other subject teachers thus contribute to increase of quality of general education (emphasis on regions).



Coordination Team
Members: GITA as potential information/teachers, Merab Labradze for further input

Project Idea 6

Organize new and promote existing STEM Challenges in Students in Georgia

Project Description: Promote existing STEM challenges by setting KIU prizes (Millennium Innovations Award) for high school students.

Organize regular tech Olympiads for STEM university students.





Thank you!