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**Interreg**  
CENTRAL EUROPE



European Union  
European Regional  
Development Fund

**KETGATE**

#### 4th KETGATE Newsletter

CE1188 Central European SME Gateway to key-enabling technology  
infrastructures - sparking a new transnational KET Innovation Ecosystem

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### Project Aim

Enabling a Central Europe - wide access to highly competent KET  
technology and infrastructure services for SMEs irrespective of their  
location

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## PROJECT NEWS

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## KET Info Days

Currently, a large number of SMEs has no access to high level technical services or do not know, which opportunities they could have when they collaborate with an RTO. Therefore it is important to raise their level of knowledge on KETs. Thus, the aim of KET Info Days is to raise SMEs awareness on the KETGATE Points and to inform them on the unique service opportunities offered by the network, as it's goal is to support the innovative SMEs to find KET providers and start collaboration with them.

KETGATE Project partners have organized Info Days in 8 Central European countries.

More info on each info days event you can find on our website - please click on the country links below:

[GERMANY](#)

[ITALY](#)

[CZECH REPUBLIC](#)

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## KETGATE Points launch in January 2019!

In January 2019, KETGATE Points in eight central european countries will start their work. KETGATE provides SMEs quick and easy access to a network of dozens of experts to find a partner for a technological solution for a specific need. Furthermore, KETGATE helps research and technology organisations to acquire industrial clients by promoting their expertise and connecting them with SMEs across Europe.



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## TEAM BEHIND THE PROJECT



**Bay Zoltán Nonprofit Ltd. for Applied Research**

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Bay Zoltán  
Nonprofit Ltd.  
for Applied Research

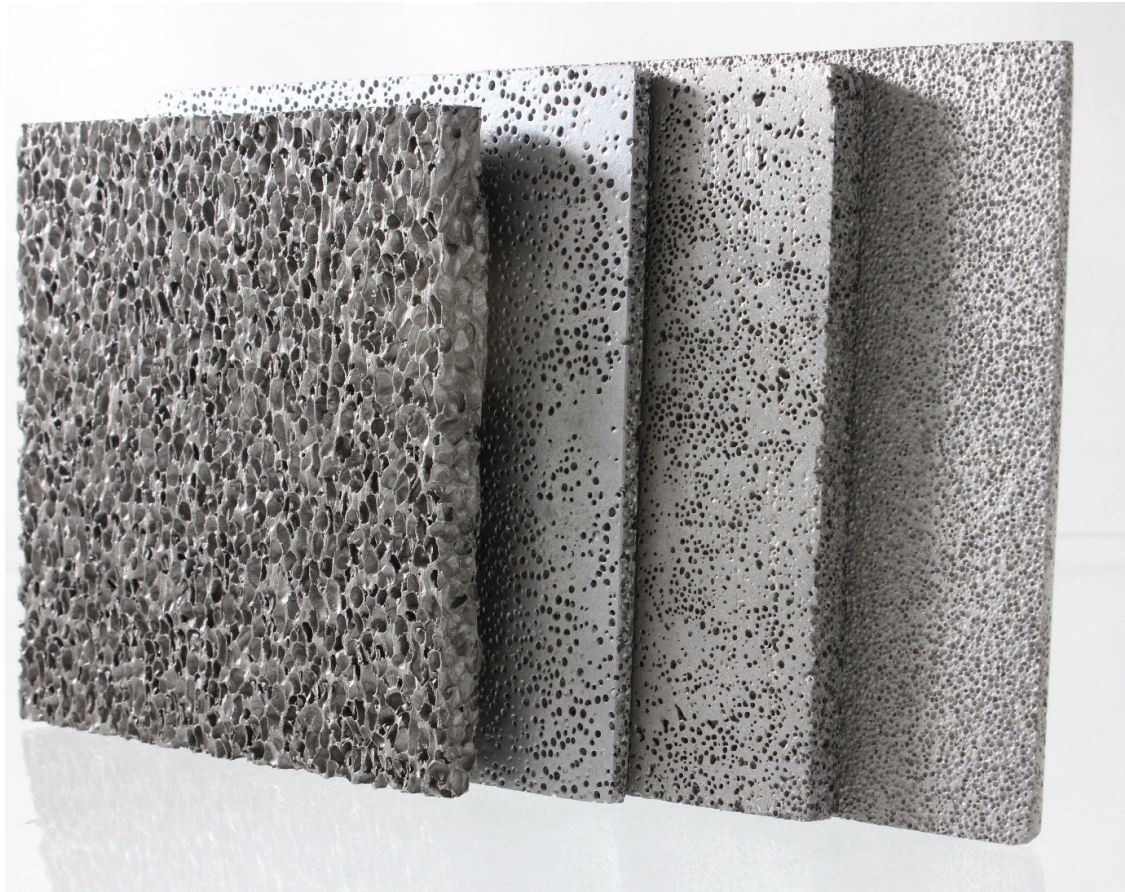
[Bay Zoltán Nonprofit Ltd. for Applied Research](#) aims to contribute to the competitiveness and efficiency of Hungarian companies by providing services in innovation and technology transfer in cooperation with Hungarian and foreign partner institutions. We offer our customers - currently more than 200 companies - complex scientific and technological solutions in several areas of expertise, devised in a way to enhance their competitiveness. We cooperate with institutions of the state sector, the Hungarian Academy of Sciences and universities, as well as their research institutes. For these partners, we also act as innovation intermediaries through our applied R&D and technology transfer activities. As a think tank with a strong team of researchers and experts, we are able to meet the research and development needs of the industry from the conception of an idea to its realisation, at a level of expertise which is considered high even in international comparison. We participate actively in building international consortia, networking, and EU tenders in the field of R&D and innovation. Moreover, we offer business development services as a technology incubator. We regard it as our mission to act as a catalyst in national and international projects involving exceptional levels of technology and creating high added value that are significant for the national economy as a whole, and which have the potential to contribute significantly to the well-being of society.

Dr Norbert GRASELLI  
Director



## Development of Metal Foams



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A closed-cell-structured aluminium foam (named ALUHAB) has been successfully developed by one of our in-house development projects. Presently, the industrial scale technology is being developed by the start-up company Aluivent Ltd. with the help of venture capital. Bay Zoltán Ltd. has also been developing open-cell-structured metal foams since 2013. These ultra-light weight metals are good conductors of heat, electricity and have excellent mechanical strength. At the same time, they are permeable by water and by gases and have a large inner surface. Open-cell-structured metal foams can be used to prepare chemical catalysts, heat storage devices or even bone implants. Bay Zoltán Ltd. holds several patents on developing metal foams (aluminium, nickel and titanium-based foams).

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## FAVOURITE READS ON KETS

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### The top 10 emerging technologies of 2018

"What do lab-grown meat, a holographic museum guide and a supercharged version of Amazon's Alexa have in common?

They're all breakthrough technologies that are likely to shape our lives in the near future, according to a list published by the World Economic Forum. Selected by a panel of scientists and experts, each one has been identified as having the potential to be disruptive by altering deep-rooted practices or shaking up whole industries." / World Economic Forum

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### Financing the digital transformation: Unlocking the value of photonics and microelectronics

"This study highlights the importance of photonics and microelectronics to propel the next wave of digital innovation and keep Europe competitive. Deep tech applications such as artificial intelligence, big data, additive manufacturing, robotics, the Internet of Things (IoT), and autonomous driving will require faster, more reliable, more energy efficient and more powerful photonics and semiconductor components." / European Investment Bank

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## UPCOMING ACTIVITIES



KETGATE INVITES YOU TO THE

**BROKERAGE EVENT**

**JOIN US!**

**31/01/2019**

**VENICE, ITALY**



### **KETGATE: Brokerage Event in Venice, Italy**

31st January 2019 | Venice, Italy

The brokerage event will take place on 31st January 2019 with the objectives to present the new Transnational Network KETGATE and to prepare future co-operations between Research Centers and SMEs. Participants will have the opportunity to offer and/or request technologies and to meet representatives from SMEs, universities and research centers in Central Europe in order to exchange ideas during pre-arranged b2b meetings with the aim of paving the way for future co-operations. ([MORE INFORMATION](#))

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**PROJECT DURATION:** 01.07.2017 - 31.08.2020

**PROJECT BUDGET:** 2,02 mln €

**ERDF CO-FINANCING:** 1,66 mln €



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