Cooperation Profile
Date of Submission: dd-mm-202x

With this form you have the opportunity to present yourself as a cooperation partner (cooperation offer) for a current call topic in Cluster 4 (Destinations 1-4 and 6). Once cleared, your cooperation profile will be linked to our website and will be able to be viewed by others seeking prospective partners. You also have, of course, the ability to browse the profiles of other researchers looking for partners in order to form one or more project consortia (partner search).

Please fill in the form and send it to either nks-dit@dlr.de (digital technologies) or nks-dit@fz-juelich.de (industrial technologies).

Relevant topic(s) in the work programme (call identifier & name of the topic(s))

Directly: Digital and emerging technologies for competitiveness and fit for the Green Deal (HORIZON-CL4-2024-DIGITAL-EMERGING-01) As High-tech developer SME for various sectors as following: From Healthcare, climate change, green transition, to manufacturing

Description of your expertise (up to 1000 characters)

As a German SME, Petanux provides fully autonomous intelligent solutions and supports various industries from healthcare, industry 4.0, manufacturing, and agriculture, to autonomous vehicles in engaging in their modern digital and autonomous services. Petanux is very active and fast SME in initiating, writing, and managing various European project proposals, with a special role in applied AI development actions. We work on industrialization of AI and developing next-generation AI algorithms such as foundation models and XAI. Petanux is a good fit to each consortium as an SME for technical development, research tasks in AI, exploitation and sustainability of project results. We are very fast in developing high-tech solutions, making right decisions in the right time. Our mission is to support industries in the efficient integration of modern and next-generation AI in applications. Our spectrum of "Technical and Engineering", "Research and Innovation", and "AI Academy and Training" divisions provide a full package of what one needs in a consortium.

Keywords describing your expertise (up to 10 key words)

Applied Artificial Intelligence Generative Models Data Analysis Computer Vision Intelligent Systems Internet of Things Digital Skills Healthcare Data Analysis Applied AI development in various fields and sectors Sustainability and Exploitation of Projects SME

Organisation information

Organisation: Petanux GmbH
Type of organisation: ☐ **Industry (Large)** X **Industry (SME)** ☐ **University or College** ☐ **Research Institute** ☐ **Public Body** ☐ **Other**

Previous participation in an EU project?
☐ **No** **X** **Yes: in** Eramus+ programs, various HEU proposals (under review)

Web page:
www.petanux.com

Description of your organisation:
At Petanux, we are passionate about harnessing Artificial Intelligence's (AI) infinite capacity to drive innovation. We are a catalyst for digital transformation, giving people and organizations the knowledge and resources, they need to succeed in an AI-powered future. Funded in 2017, Petanux was born out of a vision of democratizing the AI and make it accessible to all. Our journey started with a thorough knowledge of the disruptive potential of AI across a range of industries, from manufacturing and entertainment to healthcare and finance. We concluded that creative AI solutions and extensive education were both necessary to realise this promise. Various devoted professionals, each with years of expertise in the field of AI, work together in Petanux. Our talented professionals combine a wide spectrum of abilities, from computer vision and natural language processing to machine learning and data science. We can develop cutting-edge AI solutions that solve practical problems thanks to our knowledge. We genuinely believe that development is built on knowledge. We are dedicated to provide top-notch training and educational resources in the field of AI because of this. Whether you're a newbie entering the field of AI or a seasoned expert trying to stay on the cutting edge of technological breakthroughs, our training and support programs at our "AI Academy and Training" division are meant to equip people with practical AI abilities. We place a strong emphasis on ethical AI deployment, making sure that our clients are prepared to do so. Working with a variety of clients over the years, from startups and small enterprises to Fortune 500 firms and top ranked academic institutions, has been a privilege for Petanux. Across several industries, our AI solutions have boosted productivity, innovation, and growth. We are proud of the achievements of our former projects and customers who have since made significant contributions to the AI community, well-being and society. Petanux is a dependable partner to revolutionize companies, support funded projects, upskill workforce in firms, or support individuals to start their own personal AI adventure. We fully realise AI's promise and build a more advanced, intelligent, and interconnected society. Explore our website www.petanux.com to discover more about our AI solutions, training programs, and the incredible possibilities. Petanux has extensive experise in leading and participating in various Erasmus+ projects and collaborates intensively with HEIs and VET Providers in various activities.

Contact details

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Declaration

X I herewith declare that I am responsible for the content provided and that I expressly consent for this information to be published on the NCP DIT website https://www.nks-dit.de/service/kooperationsprofile.

(Please note that a publication of your data will *not* be possible if this box is not ticked.)