Project code	ROHU-217
Project title	**CIFIDE** Institutional cooperation in research activities for specialists, training and usage of computational intelligence for fundamenting companies financial decisions
Priority axis	6 – Promoting cross-border cooperation between institutions and citizen (Cooperation of institutions and communities)
Investment priority	11/b, Promoting legal and administrative cooperation and cooperation between citizens and institutions (Cooperation for institutions)
Implementation period	20 months (1st of December 2018 – 31st of July 2020)
Objective	The project's main objective was to increase the economic development in the cross-border region, by strengthening the institutional cooperation between the University of Oradea and the University of Debrecen in the field of computational intelligence, applied in the company's financial management.
Partnership	**Lead Beneficiary:** University of Oradea - Faculty of Economic Sciences - Department of Finance - Accounting (Romania)
	Project Partner: PP2: University of Debrecen - Faculty of Economics and Business (Hungary)
TOTAL Budget	€ 217,867.00, out of which, ERDF € 185,186.95 Total eligible expenditure certified within the project: € 167,222.08 ***Budget execution: 76.75%***
Summary	The project ROHU-217 aimed to strengthen institutional cooperation on computational intelligence research in corporate finance by increasing the number of companies using computational methods to take their financial management decisions. The main activities implemented within the project:

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- needs assessment, identification of legal, social and economic conditions and obstacles to the provision of services by SMEs operating in the region (report)
- organizing courses on Computational Intelligence with applicability in the finance area, to train University staff and specialists in this field;
- purchasing software necessary in the financial modelling decision-making process
- developing and testing algorithms using purchased software
- purchasing equipment needed for the financial modelling decision-making process (For LP - 6 laptops, 2 PCs, 3 printers, 1 video projector, 1 flipchart, 1 photocopy machine. For PP - 5 laptops.)
- exchanging experience in the context of the meetings organized to teach and develop computational intelligence algorithms in the field of financial management
- organizing two bilateral events with 50 participants each, called "Romanian-Hungarian Cross-Border Computational Intelligence Days"
- editing a Guide for the use of computational intelligence in the financial management of companies
- establishing a specialized core of experts that can subsequently disseminate knowledge in the field among students and companies, and can provide advice on the use of specialized software
- transferring knowledge to decision-makers, SMEs and at least five other institutions involved in economic development and SMEs activities, through courses and events.

On July 31, 2020, the project was successfully finalized.
All activities provided in the project were completed (100%).

The Programme Output Indicator is „*11/b1 Number of institutions directly involved in cross border cooperation initiatives*". Project ROHU–217 contributes to this indicator by reaching a number of **2 institutions from Romania and Hungary** and jointly training their staff in the field of the computational finance decision-making process.

	The project focused on 3 main directions: specialists training in the field of computational intelligence, software and technology purchasing for computational intelligence testing, and testing different kinds of computational intelligence techniques, needed for decision-making in companies.
Main results	- The project's main results are: **2 institutions**, directly **involved in cross-border initiatives** **2 workshops** were organized, where the results of the analysis of the relevant regulatory background for the enterprises in the Romanian-Hungarian Border areas with a special focus on the financial decision-making process were presented **1 Report** regarding the analysis of the relevant regulatory background for the enterprises in the Romanian-Hungarian Border has been elaborated. The Report contained data regarding the needs of the SMEs from the border region and the bottlenecks which hinder their activity and the development of the cross-border local economy. **5 Computational Information courses** with applications in finance, organized **software** purchased -needed for the financial modelling decision-making process (LP- Tableau, SPSS and Palissade; PP-Excel, Tableau and Palissade; for students, 20 licences software SPSS) **3 algorithms** for financial data analysis and decision-making, were created and tested and **3 scientific articles** were elaborated. **2 software tests** were organized **(on** February 07, 2020, at the University of Debrecen and February 14, 2020, at the University of Oradea); **equipment** purchased for the financial modelling decision-making process (LP - 6 laptops, 2 PCs, 3 printers, 1 video projector, 1 flipchart, 1 photocopy machine; PP - 5 laptops.) **2 exchanges of experience** between Romanian and Hungarian specialists, held offline and online due to pandemic restrictions **2 bilateral events** called "Romanian-Hungarian Cross-Border Computational Intelligence Days" were organized (07 July 2020 in Debrecen and 26 June 2020 in Oradea). The meetings were held offline - for project staff and online - for foreign and local participants

	(using Webex and Zoom) due to legal regulations regarding COVID-19 Pandemic • **1 book** with the title *Computational Intelligence in Financial Management. Application on financial indicators of SMEs in Romania and Hungary* was edited and printed in 500 pcs.