

MSCA-PF – pályázati tapasztalatok



Juhász Sándor

NETI Lab, Corvinus University of Budapest

ANET Lab, ELKH

Röviden a projektemről

HORIZON-MSCA-2021-PF-01 — MSCA Postdoctoral Fellowships 2021

**Supporting Local Economic Development with Business Transaction Data
Marie Skłodowska-Curie Actions - Postdoctoral Fellowships (HE MSCA PF)**

Sándor Juhász

Röviden a projektemről

- SUPPED – Supporting Local Economic Development with Business Transaction Data
- Fogadó intézmény: Complexity Science Hub Vienna
- Közgazdaságtan/gazdaságföldrajz/hálózattudomány/informatika/...

Evaluation Summary Report

Evaluation Result

Total score: **93.20%** (Threshold: 70/100.00)

Criterion 1 - Excellence

Score: **4.90** (Threshold: 0/5.00 , Weight: 50.00%)

Röviden a projektemről

Europa / Funding & Tenders Portal notification

Dear Madam/Sir,

Congratulations. Your proposal has reached the stage of Grant Agreement preparation.

To view the evaluation results and the instructions on how to provide additional information and data required for the preparation of your Grant Agreement, log on to the Funding & Tenders Portal > My Project(s) (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/myarea/projects>) and click on Action > Manage Project.

Regards,
Grant Management Services

Hogyan indultam el?

- Supervisor megkeresése
- Korábbi (sikertelen) pályázó anyagai és tanácsai
- Workshop jegyzetek!

Pályázat előkészítése, pályázatírás

- Part "A" és Part B-2
 - Én jelentősen alábecsültem a szükséges időt
 - Érdeemes a fogadó intézmény segítségét kérni

5.2 Template table: *Capacity of the Participating Organisations*

<i>Beneficiary</i>	
Complexity Science Hub Vienna, (CSH Vienna), Austria	
General description	<p>CSH Vienna is an independent non-profit research institute focusing on the science of complex systems. The research aim is to extract knowledge from big data sets for the benefit of society, and to develop tools for the management of complex systems. CSH's work is based on data collected on a large scale and used for the management of complex systems. Complexity science links state-of-the-art mathematics, modelling, data and computer science with fundamental questions posed from various disciplines, such as medicine, economics, ecology or social sciences, and opens new paths to a deeper understanding of systemic risks, resilience, efficiency, and the requirements for sustainable innovation and creativity.</p> <p>CSH Vienna catalyzes research in a network of established scientists and the most creative, talented, and open-minded next-generation academics.</p> <p>CSH is committed to the principles of fairness and equal opportunities, scientific integrity, academic freedom, and especially plurality in topics and methodology.</p>
Role and profile of supervisor	<p>Dr. Frank Neffke is heading the research program Science of Cities at CSH Vienna. Dr. Neffke obtained his PhD (Economic Geography, 2009) from Utrecht University. He has worked at Erasmus University Rotterdam, and Harvard University, Cambridge, MA, where he was the research director of Growth Lab, at the Center for International</p>

Pályázat előkészítése, pályázatírás

- Secondment
 - Opcionális
 - A legtrükkösebb része a pályázásnak

available data to meet the research objectives.

- *The proposal convincingly articulates the role of the secondment at the associated partner institution.*
- *The supervisor has highly relevant and appropriate qualifications and level of expertise in the proposed i*

A pályázat 'stílusa'

- Nem szükségszerűen az ismert világot felforgató ötlet a nyerő
- A pályázat milyen szerepet tölt be a kutató egyéni fejlődésében
- Nagyon *részletesen* és *konkrétan* kell bemutatni, hogy ez a pályázat hogyan támogatná a kutató karrierjét

Supervisory and international research credentials which are well described in the proposal.

- The training activities will support the knowledge transfer from the host institution and the associated partner to the researcher. It is well explained how this will benefit the researcher.

- The proposal credibly describes the benefits that both, the researcher and the host organization, will gain from the complementarity of their

explained how this will benefit the researcher.

- The proposal credibly describes the benefits that both, the researcher and the host organization, will gain from the complementarity of their skills and experience.

Stílus egy példa fejezeten keresztül

Criterion 2 - Impact

Score: 4.30 (Threshold: 0/5.00 , Weight: 30.00%)

2. Impact

2.1 Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development

The long-term career goal of mine is to become a tenured researcher who leads a research group of PhD students and postdocs, while working in strong collaboration with the private sector on data driven projects. After the successful conclusion of the postdoctoral fellowship I will be in an ideal position to complete a habilitation and apply for tenured positions. A habilitation requires a significant corpus of academic work on a broad topic. The planned research outputs

2.1 Impact section – karrier fejlődés és szükséges tudás megszerzése

- 1) akadémiai célok (habilitációhoz szükséges cikkek)
- 2) pályázati jelentkezések (fogadó intézménnyel közös munka jelentősége számomra)
- 3) magánszféra kapcsolatok (spinoff – bécsi inkubátor, ahova mehet tapasztalatot gyűjteni)
- 4) online platform (technikai szempontok és társadalmilag hasznosság)

2.2 Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities

The key outputs of the project will be tools to visualize business transactions between industries and regions and measurements to emphasize the role of transaction networks in the development of regions, industries and firms. The most significant targeted impact is to convince researchers, policy makers and stakeholders that network science technics offer new inputs for (regional) economic development.

To target expert audiences, we plan to publish research articles in high quality scientific journals and promote the work on conferences. As the proposed research is interdisciplinary, the results preferably published in multidisciplinary journals. My public track records as early

2.2 Impact section – a projekt hatásának követhetősége

- Kutatási célokhoz kapcsolódóan
 - tudományos cikkek, preprint-ek
 - konferenciák
 - social media, tudománykommunikációs oldalak
 - adatmegosztás
 - fogadó intézmény kommunikációs csatornái

Részletezni, hogy melyik csatornán keresztül pontosan kiket akarok elérni

policymakers and also to disseminate my results to wider audiences.

The main message of RO2 will be how concentrated business connections of firms support the success of local industrial concentrations. To reach the related academic audience, we plan to publish a paper in a leading economic geography and regional science related journal, such as Economic Geography or Regional Studies. The results will be promoted on conferences dedicated to complex networks and regional studies (e.g. Complex Networks conference, NetSci or Rethinking Clusters). As the European Union has renewed policies for regional economic development, searching for the potential industries that can mobile local economies is key since a long time. Writing blog posts for professional science dissemination site dedicated to policy makers such as VOX EU (voxeu.org) will be key to reach wider audiences with the results. As the empirical work is based on data from Hungary, I will visit local conferences, seminars and public events such as the regular Researchers' Night to promote the results in Budapest, Győr, Pécs and Szeged (my alma mater). All these locations have strong background in regional science and economic geography, which makes them ideal to disseminate my results for Hungarian scientific audiences too.

By publicly sharing my research outputs (including aggregated data, code, and research papers), I can reach an audience of industry participants and students who are already concerned about economic development related research. To reach the wider public in Austria and German speaking areas, I will also leverage the research marketing services offered by my host institution, such as CSH newsletters, social media channels, and press releases.

2.3. The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts

From a *scientific perspective*, the project has two major contributions. First, it introduces VAT records as a data source to study regional economies. Second, in RO1 we test agglomeration effects behind clusters in an unprecedented scale, at the level of firms. Moreover, the project aims to achieve these by taking a multidisciplinary view and combining theories, approaches and tools from a diverse set of scientific fields, such as economics, network science, geography and computer science.

The project has direct *economic and technological consequences* as it creates valuable tools that turn administrative data on tax into visualization tools to inform policy, regional leaders and industries. A more general, societal impact of the work is to emphasize that

2.3 Impact section – társadalmi, gazdasági tudományos hatás

- 2-3 bekezdésben röviden összefoglalni, amit a projekt nyújtani tud *reálisan* a társadalom számára
- Nem szükséges a világ megváltását beharangozni

Weaknesses:

- *There are insufficient qualitative details on identified communication and dissemination activities.*
- *Whilst the impacts are well explained, there is insufficient explanation provided on their magnitude and importance.*

Köszönöm a figyelmet és sok sikert!

Juhász Sándor
sadorjuhasz.com