

Measures to Overcome Barriers - Respondents' Suggestions

Qualitative analysis

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Barriers: general impressions

- Two groups of barriers:
- 1 – Internal (from UA side)
- 2 – External (from EU side)
- Internal group is larger in number of problems
- External is more serious
- Indefinite way for influence both

Barrier 1 – Lack of motivation

- **Include aviation collaboration to EU/UA Association Agreement (standardization)**
- **Minimize bureaucracy, maximize freedom (project funding re-allocation)**
- **UA personnel remuneration (involved in EU projects)**
- **Create Project Offices for support and consulting**

Barrier 2 – Lack of awareness

- **MES, NASU, NCPs to make monthly e-digest**
- **Intergovernmental Committees dialog**
- **Meetings for EU/UA stakeholders info exchange**
- **Info about potential EU partners – cluster**
- **“White paper” – list of UA initiatives (?)**
- **Timely info about projects, implemented in the frame of EU programs**
- **Specific activity for proposal submission procedures clarification (workshops?)**

Barrier 3 – Lack of human resources

- **Real (not declarative!) UA science support system at governmental level**
- **More freedom for Universities**
- **Higher salaries for qualified and young researchers (MS, PhD students)**
- **Objective criteria for research quality assessment (publications)**

Barrier 4 – Lack of facilities

- **State funding for research infrastructure renovation (correlation with research quality and results)**
- **MES and NASU agreement with manufacturers**
- **Used research assets from EU**
- **Info about EU research infrastructure available for UA**
- **Depreciation 5 years (20%)**
- **EU projects with research assets included (co-funding?)**

Barrier 5 – International travel limitations

- **Financial support from SFFR – fees, travel etc.**
- **Specific national program for UA researchers visits to international conferences**
- **EU visa issues – simplify for scientists**
- **Cancel UA governmental limitations (budget money)**

Barrier 6 – Lack of funding

- **“Beggars can’t make excellent science”**
- **Practical implementation of UA Law – 1.7% of GDP for science**
- **Change UA tax system – STI tax exempt for IND**
- **Eliminate state limitations (tenders)**
- **Competitive UA funding and co-funding**
- **UA Public-Private Partnerships, venture funding**
- **National funding for Aviation research**
- **EU funding for EU-UA collaborative projects (CS2 vs H2020)**

Barrier 8 – Legal and financial barriers

- **UA STI legal system harmonization with EU one**
- **UA governmental limitation decreasing**
- **More freedom to research groups/institutions in project funds using**
- **UA bureaucracy elimination (incl. State Treasury, currency exchange, payment time limits)**

Other Measures Proposed

- Approval of joint aviation standards and certification, appropriate procedures development
- EU-UA aviation research coordination
- UA governmental agency (top competence!) to be responsible for aviation collaboration, to represent UA in H2020 and CS2
- More info about joint projects and results
- Eliminate UA “bogus science”, bureaucratic intermediaries, and voluntarism in decision-making

Measures: general impressions

- What can be done without money?
- From both sides (UA-EU)
- No support, even interest, at UA governmental level
- UA legislation and bureaucracy are still “hostile environment”
- Passive position of UA entities – “give me, tell me, find me, educate me”
- “Somebody must...”)))



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