



Středoevropský technologický institut
BRNO | ČESKÁ REPUBLIKA

Management Meeting

27.11.2013.

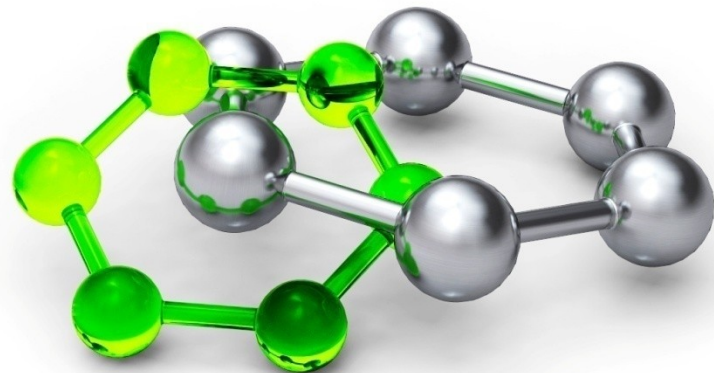
Markus Dettenhofer



EVROPSKÁ UNIE
EVROPSKÝ FOND PRO REGIONÁLNÍ ROZVOJ
INVESTICE DO VAŠÍ BUDOUCNOSTI



OP Výzkum a vývoj
pro inovace



Agenda

- 1) Various
 - Evaluation, consequences & Scientific and Activity Plan 2014
 - Working groups meeting location
 - PhD graduation fulfillment plan due (OUD)
 - VaVpl call
 - CMS positions
- 2) CMS Savings Plan/ Science Strategy (M.Dettenhofer/H. Oschkinat)
- 3) IS update (E. Pudova)
- 4) Homework (OUDs)

Activity Plan / Scientific Plan 2014

Activity Plan and Scientific Plan for 2014 sections must be completed by Partners in preparation for next CB meeting

The 2014 Activity Plan will contain a statement that the 2014 Scientific Evaluation Will have financial consequences for the Group Leaders

- Poor scores will get reduced or no money
- Must decide on the level of consequences to be consistent throughout CEITEC

Working Groups

Most Working Groups are not satisfied with the location of their meeting.

Solution: Meeting of Working Groups to be re-located to CMS HQ as of December 2013.

PhD Graduation Plans Due

Q3 2013 Monitoring Report

| | | | | | |
|-------------------------|--------|-----|---|-------|--------|
| Number of PhD graduates | 074902 | 127 | Masaryk University | 54,00 | 42,52% |
| | | 71 | Brno University of Technology | 10,00 | 14,08% |
| | | 9 | Mendel University | 4,00 | 44,44% |
| | | 0 | University of Veterinary and Pharmaceutical Sciences Brno | 0,00 | x |
| | | 0 | Veterinary Research Institute | 0,00 | x |
| | | 0 | Institute of Physics of Materials, Academy of Science CZ | 1,00 | x |
| | | 207 | ALL | 69,00 | 33,33% |

PhD Graduation Plan

CEITEC-BUT

| Research group | Plan | Fulfilled | Predicted | Total | Difference |
|----------------|-----------|-----------|-----------|-----------|------------|
| RG 1-2 | 11 | 3 | 10 | 13 | 2 |
| RG 1-3 | 3 | | 7 | 7 | 4 |
| RG 1-4 | 17 | 2 | 12 | 14 | -3 |
| RG 1-5 | 1 | | 1 | 1 | 0 |
| RG 1-6 | 1 | 1 | 1 | 2 | 1 |
| RG 1-7 | 3 | | 6 | 6 | 3 |
| RG 1-8 | 1 | 1 | 1 | 2 | 1 |
| RG 2-1 | 12 | 4 | 7 | 11 | -1 |
| RG 2-2 | 6 | 1 | 7 | 8 | 2 |
| RG 2-3 | 9 | | 4 | 4 | -5 |
| RG 2-4 | 3 | 2 | 1 | 3 | 0 |
| RG-2-5 | 8 | | 6 | 6 | -2 |
| Total | 75 | 14 | 63 | 77 | 2 |

VaVpl call

Two proposals per Institute totaling up to 100M CzK

- Go ahead with Karel Riha and enhance Imaging Facility
- No additional qualifying proposals put forward
- CMS was requested to put an open advertisement forward in an attempt to recruit someone. (likelihood is poor)

CMS positions

- Propose to have a Core Facility Coordinator instead of the financial accountants previously put forward
- Propose National Sustainability Project Manager partially would have been Ondrej Hradil's job before he left



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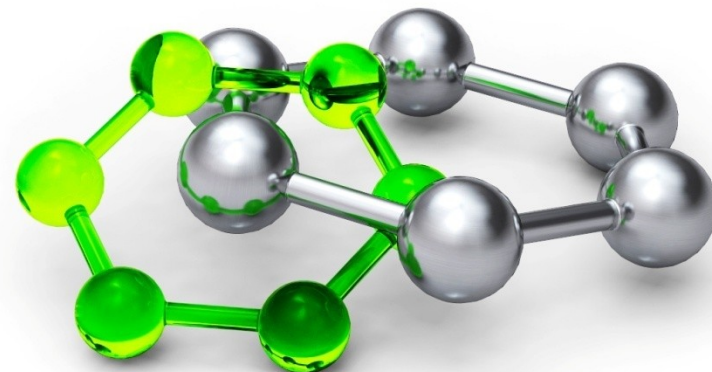
CMS Budget



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Development for Innovation**



ISAB Comments

June 2013

Weaknesses: The most significant weakness of the Center is still the lack of synergies that should be much stronger by now between the materials scientists and their life science and medical colleagues. Given the fact that this is CEITEC's most specific target and mission and could become its most valuable USP there is way too little synergistic activities between the corresponding RPs that ISAB could identify. Even worse, the Board was largely lacking evidence that the involved scientists seem to understand the importance of this issue for the final evaluation of the success of CEITEC.

Threats: The Board felt that the range of topics that are covered by CEITEC exceeds what would be healthy for a Center that seeks an international standing and profile. This - together with the lack of synergistic projects between the materials science and the life science groups - poses a serious question on the USP of the Center.

Addressing ISAB Concerns

Theme-based workshops

- Up to 7 distinct workshop series (6 per year)

Interdisciplinary Mini-Grants

- 5 mini-grants that cover principally personnel for 2 years

Interdisciplinary students

Addressing the Weak Monitoring Indicators

Motivation Money

- PhD graduation
- Incentives for Application Sphere Indicators

Addressing the Ineligible Costs at CMS

Swap savings money for payment of ineligible costs

Use of CMS Savings

| Partneři Partners | Podíl na projektu (%) (Project share) | PhD.Students 2012 - 2013 | PhD. Students 2014 - 2015 | MiniGrants | Motivation | WorkShop(s) | CMS InEligible (compensation) | Total (to be distributed) |
|---|---|-----------------------------|------------------------------|-----------------------|----------------------|----------------------|----------------------------------|------------------------------|
| Masarykova univerzita | 57.2% | 883,852 CZK | 1,269,000 CZK | 7,779,200 CZK | 1,716,000 CZK | 2,631,200 CZK | 1,544,400 CZK | 15,823,652 CZK |
| Mendelova univerzita v Brně | 1.7% | | | 231,200 CZK | 51,000 CZK | 78,200 CZK | 45,900 CZK | 406,300 CZK |
| Ústav fyziky materiálů AV ČR, v.v.i. | 2.2% | | | 299,200 CZK | 66,000 CZK | 101,200 CZK | 59,400 CZK | 525,800 CZK |
| Veterinární a farmaceutická univerzita Brno | 1.2% | | | 163,200 CZK | 36,000 CZK | 55,200 CZK | 32,400 CZK | 286,800 CZK |
| Vysoké učení technické v Brně | 36.6% | 1,026,531 CZK | 634,500 CZK | 4,977,600 CZK | 1,098,000 CZK | 1,683,600 CZK | 988,200 CZK | 10,408,431 CZK |
| Výzkumný ústav veterinárního lékařství, v.v.i. | 1.1% | | | 149,600 CZK | 33,000 CZK | 50,600 CZK | 29,700 CZK | 262,900 CZK |
| CELKEM | 100.0% | 1,910,383 CZK | 1,903,500 CZK | 13,600,000 CZK | 3,000,000 CZK | 4,600,000 CZK | 2,700,000 CZK | 27,713,883 CZK |

What is a research center of excellence?

Summary:

Cooperation, interconnectivity

Common Goals

High-level of Discovery through synergy

Intense, free, creative interactions

Homework - OUDs

- By when will we be a Centre of Research Excellence?
- What concrete elements must be in place to realize this goal?

- Due date 13 Nov 2013
- 2 out of 6 answered = 33%

Answer from One OUD -

1) By when will we be a Centre of Research Excellence? It is like a victory -- state of the mind. When is right time to think that we are centre of excellence? When no one around will doubt about the fact that we are the centre of excellence. And it takes a lot of time (approx. tens of years).

2) What concrete elements must be in place to realize this goal? *Inside of CEITEC: *Keep in mind that we want to be centre of excellence -- to work with staff, memorize that we are creating centre of excellence. Everything depends on people (staff). *Outside of CEITEC: *Public relations and promotion cannot be underestimated. Awareness is usually more important than (sometimes poor) reality. Example: I am sure that I don't know any song of Justin Bieber(singer, pop-star), but as you can read, I know his name and what more, I know that he is around 19-20 years old and is from Canada. I don't know how this guy looks like, but I know about him that he lives and radio broadcast says that he is "a pop-star". When somebody ask me: "Do you know who is Justin Bieber", I will answer: "pop-star, young singer from Canada", but I have never listened any of his song! I cannot say anything about his repertoire! Any name of his song. It is a result of very good promotion and PR.

Necessary steps to achieve this goal of the organization - CEITEC:

- To finish all buildings and laboratories within next 12 months with minimized additional and in-eligible expenses
- To plan reasonably all expenses financed by start-up funding including CMS's savings to assure threatened indicators (Ph.D. postgraduates, applied research results), to support RGs, postdocs, potent Ph.D. students and talented master and even secondary students
- To prepare successful project for National Programme of Sustainability II (NPU II) to 50% stable funding for upcoming years in sustainability period
- To prepare many successful projects for HORIZON 2020 EU Programme, national Programmes including Operational Programmes and profitable collaborative research and licence business (to cover remaining 50% funding)
- To open all three Ph.D. Study Programmes and to find the most talented Ph.D. students (mostly from abroad) to study and make research and science with us
- To promote international collaboration based on frequent exchange of scientists, academic staff and Ph.D. students with significant and respected research institutes, universities and international industry
- To complete a few hundreds of procurements for new instruments and technology, but also for necessary laboratory materials before the end of 2014
- To start testing and tuning of all instruments and technologies beginning mid 2014
- To find and hire top scientists in respected existing and new interdisciplinary branches and skilled technicians for core facilities
- To establish a few new RGs according to scientific future themes, mostly supporting interdisciplinarity but exploiting already existing scientific instruments and technologies
- To become a member of infrastructure funding societies covering our core facilities' expenses
- To increase our scientific outputs to increase our institutional funding as a stable funding



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