



Opening new horizons



Info session TBM call 2016

Applied Biomedical research with a primary Social goal

Disclaimer

- This presentation contains only the key points of the TBM programme.
- For the actual preparation of a proposal, consult the TBM handbook and TBM application form.
- All available information and documents relevant for the 2016 TBM Call are available on:
 - <http://www.fwo.be/nl/mandaten-financiering/onderzoeksprojecten/tbm-projecten/> (NI)
 - <http://www.fwo.be/en/fellowships-funding/research-projects/tbm-projects/> (English)

Overview

1. Mission and key facts FWO
2. Focus of the TBM programme
3. Basic features of the TBM programme
4. Overview of previous TBM calls
5. Submission of a TBM project proposal
6. Evaluation process
7. Practical recommendations
8. Additional information

1. Mission and key facts FWO

1. Mission and key facts

Mission of the FWO

- Funds fundamental scientific research ('frontier research')
- Since 2016: Strategic Research (SBO, TBM, SB)

1. Mission and key facts

Our partners

- **Universities** (Leuven, Ghent, Antwerp, Brussels, Hasselt)



- **Main (Strategic) Research Centers:**



1. Mission and key facts



HR EXCELLENCE IN RESEARCH

- Label awarded in december 2010
- Implementation of Charter & Code
- Focus on transparent recruitment procedures and family/gender friendly measures

1. Mission and key facts

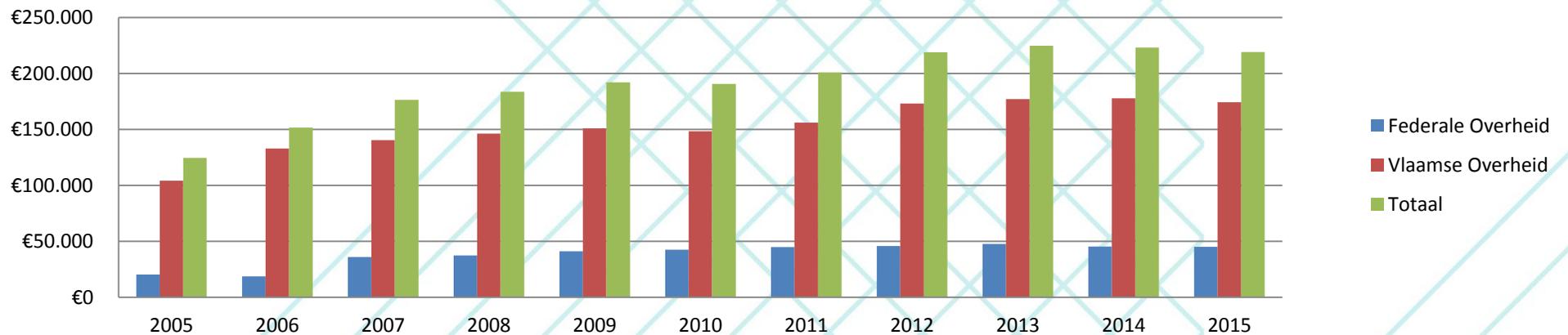
Funding schemes of the FWO

- Funding for individual researchers
 - Pre- and postdoctoral fellowships, bench fees and grants
- Funding for research teams
 - Research projects, Big Science, Bilateral agreements, SBO ...
- Supporting mobility, international contacts and collaborations
 - travel grants, visiting postdoctoral fellowships, sabbatical leaves, scientific research communities, organisation of conferences in Belgium, international coordination actions, collaboration agreements, ...
- Attracting excellent researchers, active abroad, to Flanders
 - Odysseus , Pegasus
- Awarding scientific prizes
- Research Infrastructure

1. Mission and key facts

- **Budget 2015:** 220 million EUR, ca. 79% from Flemish Government
- **Budget 2016:** 320 million EUR

Evolutie inkomsten 2005-2015
(in EUR)

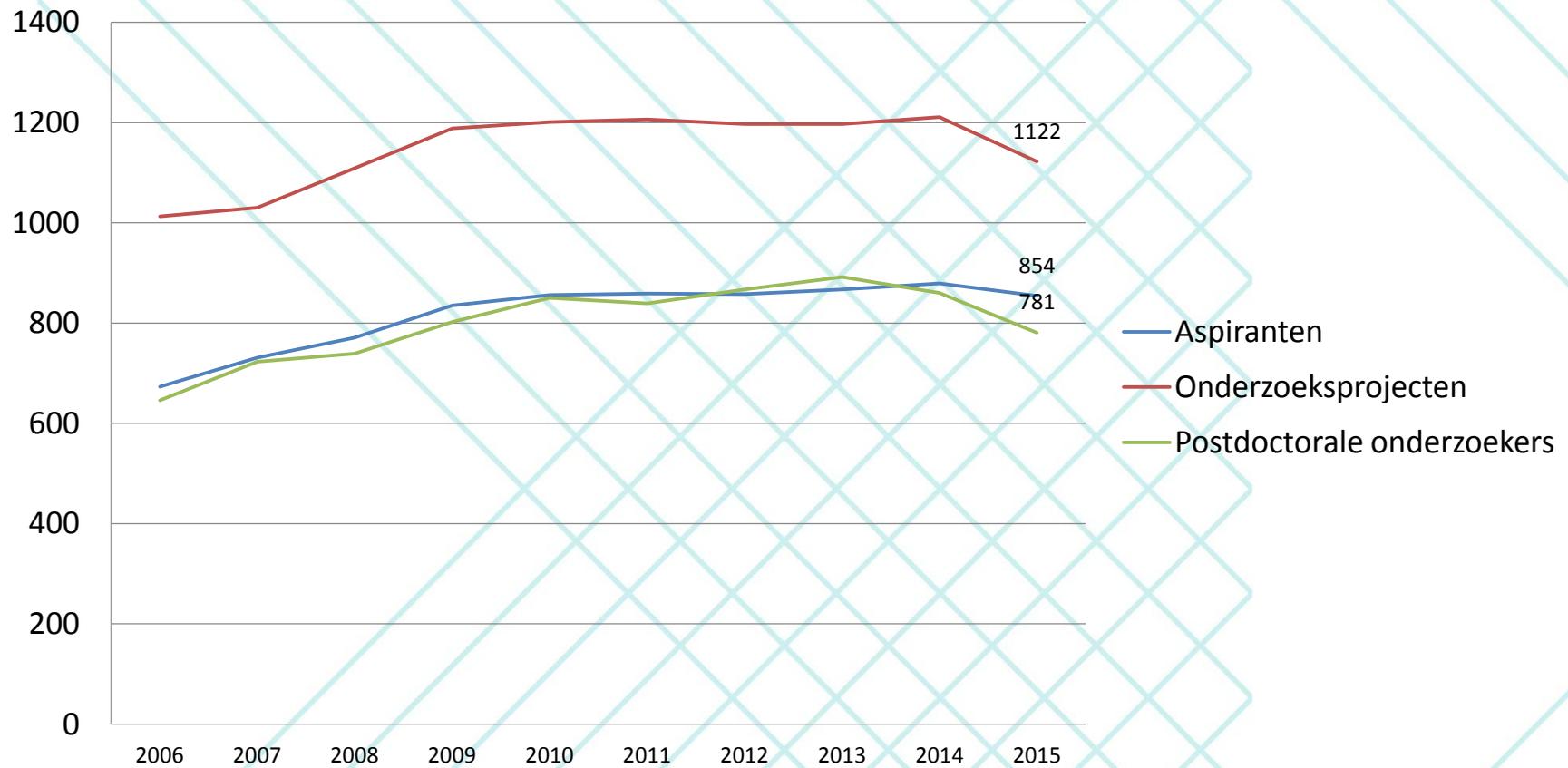




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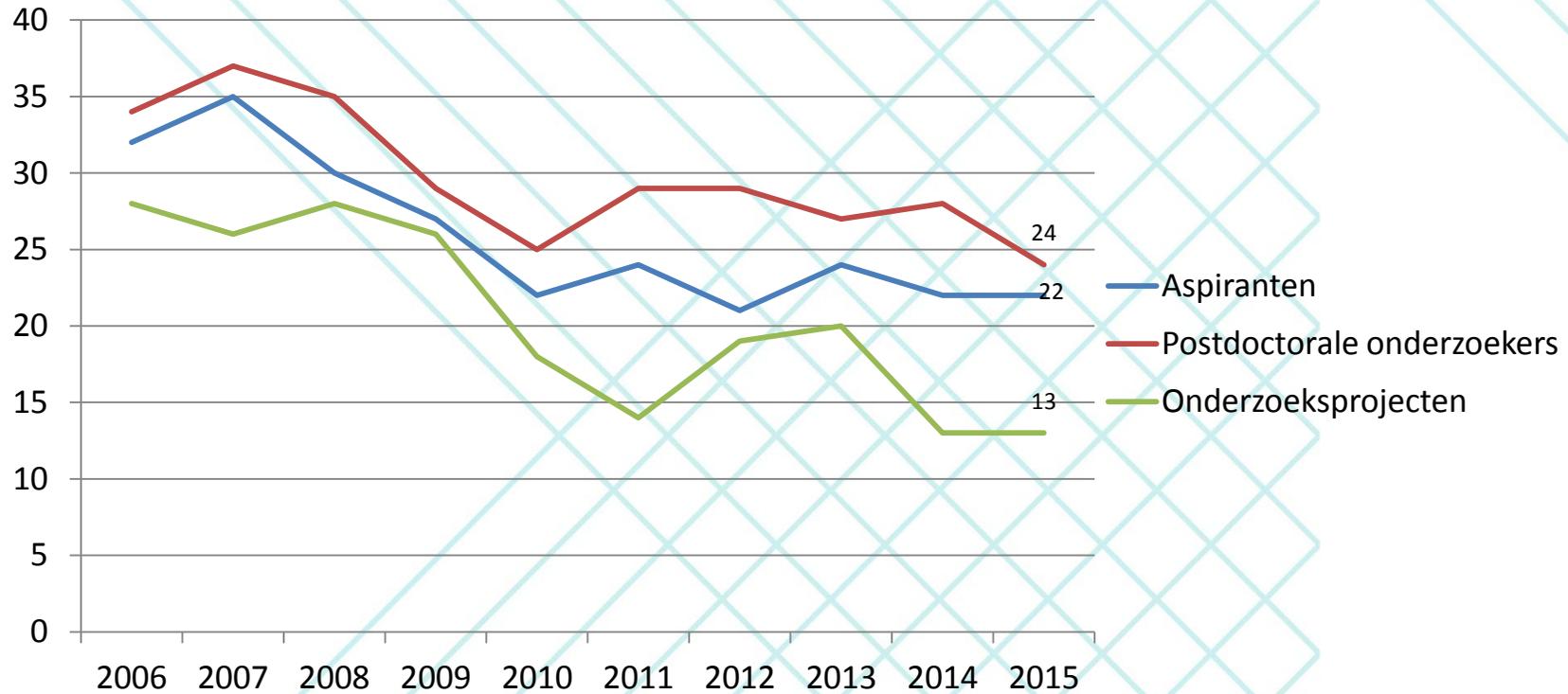
1. Mission and key facts

Evolution number researchers in function (1st Oct.)



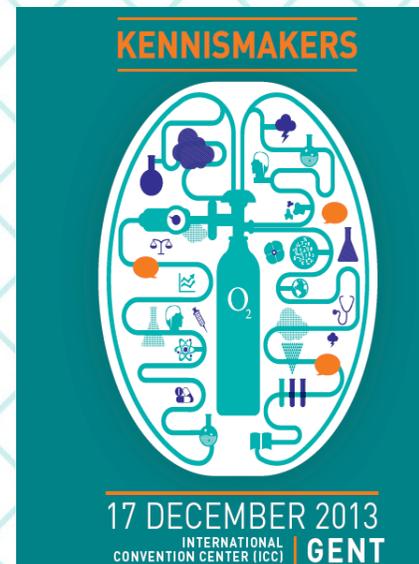
1. Mission and key facts

• Evolution success rate



1. Mission and key facts

- **Events**



2. Focus of the TBM programme

2. Focus of the TBM programme

Continuation of IWT's TBM programme. **No changes in the focus of the programme.**

Late-stage applied biomedical research that aims at improving the Flemish health situation (by means of developing an improved therapy, diagnosis and/or specific prevention), and in which **industry is currently not interested** due to a commercial reason.

Extra budget: € 6,8 M + € 4,4 M => € 11,2 M

2. Focus of the TBM programme

- *Policy goal on the longer term:*
 - To contribute to the realisation of new therapies and diagnostic techniques that would otherwise not reach the patient (due to a lack of industrial interest).

- *Key aspects:*
 1. Aimed at the development of a new therapy, diagnosis and/or specific prevention of a disease.
 2. Late stage translational research → focus on the translation of a scientific finding towards the clinic (with proof of concept reached).
 3. Added value for the Flemish health situation, with a positive medical impact for a specific patient group.
 4. Lack of industrial interest.

2. Focus of the TBM programme

Criterion 1: development of a new therapy, diagnostic tool or prevention of a specific disease

What kind of research does **NOT** fit in the TBM programme:

- Research aimed at improving the *general* health situation
- Epidemiological studies
- Evaluations of health organisations
- Structural financing
- Comparative studies between existing medical procedures, therapies or diagnosis techniques
- Introduction into Flanders of a therapy or diagnosis used abroad
- ...

2. Focus of the TBM programme

Criterion 2: Late stage translational research

What kind of research does **NOT** fit in the TBM programme:

- Fundamental research, primarily focused on *de novo* knowledge creation
- Basic research (no *proof-of-concept* yet)
- Pure implementation activities
- Market research for the utilisation of the project findings
- ...

2. Focus of the TBM programme

Criterion 3: Added value for Flemish health situation with a positive medical impact for a specific patient group

What kind of research does **NOT** fit in the TBM programme:

- Research focussed on a disease that has no incidence in Flanders
- Research focussed on a development that has no medical impact (eg. only comfort improvement for the patient)

2. Focus of the TBM programme

Criterion 4: lack of industrial interest

What kind of research does **NOT** fit in the TBM programme:

- Research directed towards one specific company.
- Research for which no collaboration with the industry has been sought yet in order to be able to achieve better transfer conditions in the future.
- Research without industrial interest due to a high scientific risk (conflict with criterion 2, SBO programme)
- Research that could lead to the establishment of a new spin-off company, once sufficient financial resources are available.
- Research for which reasonable industrial interest can be expected, but in which the industry refuses to invest (e.g. because of the economic crisis, company priorities,...).
- Research on development of medical devices, for which there is industrial interest.

2. Focus of the TBM programme

Criterion 4: lack of industrial interest

Possible **commercial reasons** for a lack of industrial interest:

- No possibility for patenting
- No possibility for a standardized product (patient-specific products, eg. autologous cell therapy, tissue engineering)
- Profit margins too low
- Commercial risk too high (eg. gene therapy, xenotransplant)
- Patient populations too small ('return on investment' too small)
- ...

3. Basic features of the TBM programme

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Applicants (= entities that will be the beneficiary of the financial support):
limited to **research centres!!!**

A research centre is defined as *an entity (such as universities or research institutes, technology transfer agencies, innovation intermediaries, research-oriented physical or virtual collaborative entities), irrespective of its legal status (organised under public or private law) or way of financing, whose **primary goal is to independently conduct fundamental research, industrial research or experimental development or to widely disseminate the results of such activities** by way of teaching, publication or knowledge transfer. Where such entity also pursues economic activities the financing, the **costs and the revenues of those economic activities must be accounted for separately**. Undertakings that can exert a decisive influence upon such an entity, in the quality of, for example, shareholders or members, may **not enjoy preferential access to the results generated by it.***

(definition of a 'research and knowledge-dissemination organisation' as stated in Article 2, section 83 of the Regulation (EU) No 651/2014 of the commission of June 17, 2014).

3. Basic features of the TBM-programme

Applicants:

- Limited to research centres => **universities, university hospitals, university colleges, strategic research centres**. If there might be any doubts about your organisation meeting this definition, you should support compliance to this definition through an independent legal advice!
- One applicant or a consortium of several applicants, but **participation of a Flemish hospital*** is required (min 10% of the total project budget).
- Participation of non-Flemish research centres is possible, but is limited to max. 20% of the total project budget.

* Or ITM

3. Basic features of the TBM programme

Subcontractors (receive compensation for their costs via the applicants):

- Not limited to research centres; other organisations such as companies are also allowed!!
- Only for tasks without creative input

Max. 30% of the budget.

=> Organisations that do not fulfill the criteria for a research centre (e.g. peripheral hospitals) can participate in a TBM project as a subcontractor for regular tasks such as the inclusion of patients, etc.

3. Basic features of the TBM programme

Advisory committee (not funded!):

- highly recommended to set up an advisory committee already during the preparation of a TBM project.
- consists of societal stakeholders (regulatory authorities, patient associations, etc.) who will later be involved in the further utilisation path – composition specific for each project!
- their advice should increase the likelihood of an effective and broad implementation of the TBM project results in clinical practice.
- the composition of the committee and the commitment of its members will be taken into account during the assessment of the TBM projects.

3. Basic features of the TBM programme

Advisory committee:

The applicant should add a motivated letter of intent for each member of the advisory committee:

- On the deadline for submission of the application.
- Letters should indicate the engagement to participate in the advisory committee and should motivate the added value of each member.
- In case of an organisation: each letter should be signed by a legal representative of the organisation.

3. Basic features of the TBM programme

Budget and subsidy:

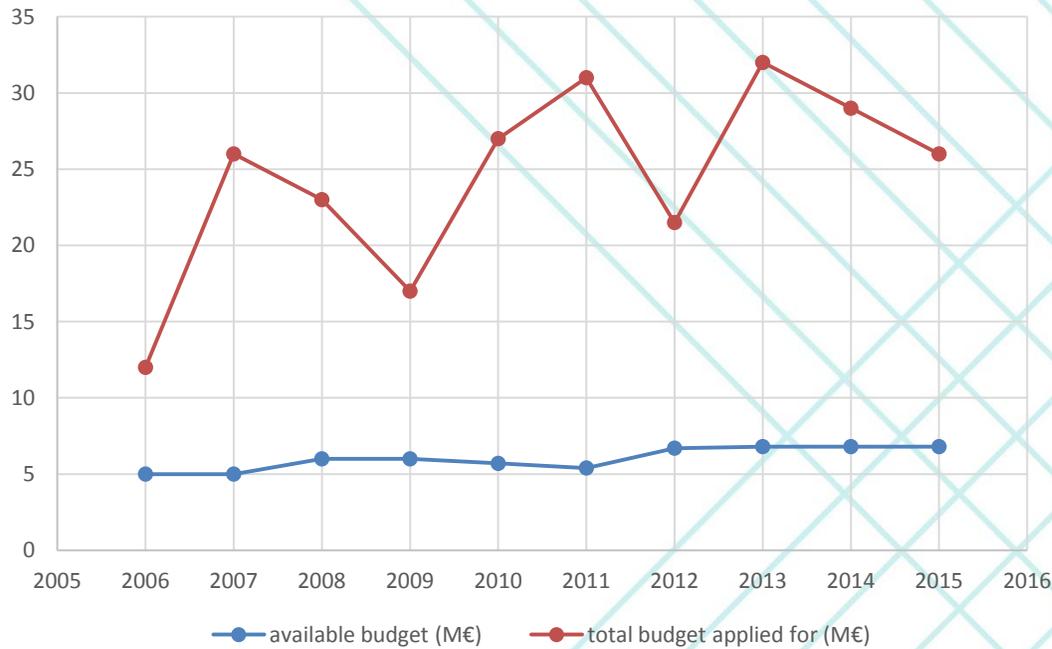
- Programme budget: **€ 11,2 M**
- Project budget: between € 250.000 and € 1.000.000
- Project period:
 - 2 to 4 years
 - cannot be extended, but at the final financial verification, costs made after the official project period can be accepted as follows:
 - new!* ○ Staff cost: project period + 1 year
 - All other costs: project period + 2 years
- Subsidy: 100% of the acceptable costs

4. Overview of previous TBM calls

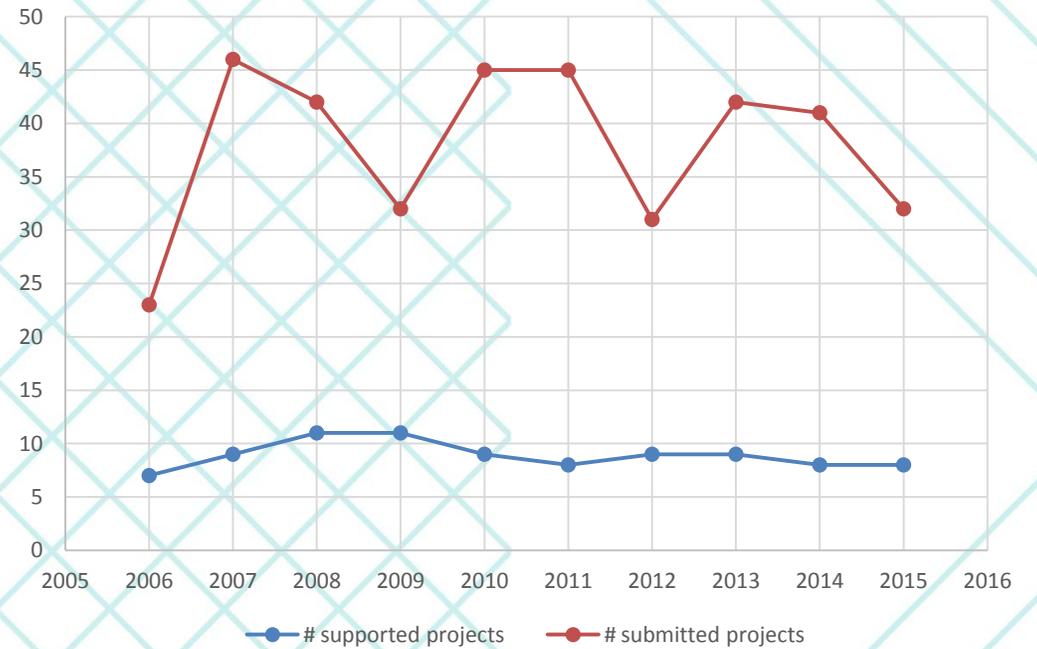
4. Overview of previous TBM calls

- Abstracts of supported projects: see www.innovatienetwerk.be (projects-TBM)
- Overview:

Available budget and budget applied for (evolution 2006-2015)



submitted and supported projects (evolution 2006-2015)



- Succes rate 2015: ca 26%

5. Submission of a TBM project proposal

5. Submission of a TBM project proposal

new!

Before submission: preliminary registration of application: deadline **29 February**

=> e-mail to tbm@fwo.be with following information:

- title of the project
- summary of the project (approx. half A4)
- project partners
- project coordinator
- facultative: experts to be avoided (max. 5)

5. Submission of a TBM project proposal

- Deadline submission: **11 April 2016 (12h noon)**
- **Electronic** submission via Email to tbm@fwo.be
(max 15 MB)
- In **English**
- According to the template on the website
- In 3 files:
 - project identification + description (word or pdf)
 - Project budget (Excel)
 - Attachments (word or pdf)

5. Submission of a TBM project proposal

Application form:

- Part 1: Project identification
 - Project summary
 - Administrative data applicants (applicant=legal entity!!)
- Part 2: Project description
 - “Fit” in the TBM programme
 - Positioning towards the state of the art & project goals
 - Utilisation of the project results
 - Work programme
 - Expertise and track record

5. Submission of a TBM project proposal

Application form:

- Part 3: Project budget in 1 separate Excel file (template available on the website): more information on the following slides.
 - Project budget for each applicant
 - Total project budget
- Part 4: Enclosure(s) combined in 1 separate Pdf file
 - Declaration of each applicant (signed by a legal representative)
 - Declaration of project leader
 - Letters of intent from the members of the advisory committee
 - Ethical questionnaire
 - Non confidential summary
 - A quote for each subcontractor > € 8.500 (if relevant)

new!

5. Submission of a TBM project proposal

Project budget: see Cost model and Excel Template on the website

- Staffing costs (gross salaries):
 - Only research staff and valorization preparing staff working on the project
 - Double financing is not allowed
- Other costs: real costs up to a maximum of € 40.000/man year:
 - Direct costs (materials, IT-costs, traveling expenses, depreciation costs for research equipment, subcontractor costs < € 8.500)
 - Indirect costs or overhead costs: max. € 20.000/man year
- Large subcontractor costs (for subcontractor costs > € 8.500):
 - At market price (full cost + margin)
 - Quote necessary
- Large cost (exceptional!! Needs detailed motivation):
 - E.g. very expensive tests like imaging
 - Only accepted when this cost cannot be added in the previous categories

6. Evaluation process

6. Evaluation process

Eligibility

- Eligibility criteria:
 - Submitted before the deadline (11 April, 2016; 12h noon)
 - Submitted in English and according to the requested format
 - All applicants are “research centres”
 - Submitted by at least one Flemish hospital
 - All required declarations (applicants, project leader) are present (and correctly signed)
 - No manifest mismatch with the goals of the TBM programme
- Decision by the board of FWO within 30 days.
- Applicants of ineligible proposals will be informed as soon as possible.

6. Evaluation process

One selection round

- Evaluation in dedicated panels of experts (May-June)
 - One panel of experts per (large) topic
 - Possibility for a short interaction between the applicants and the experts
 - Evaluation of the “fit” in the TBM programme, the scientific quality & the utilisation/valorisation potential => see score grid on the website
 - Scoring in consensus
- Ranking of the proposals (based on the total project score) within the available budget
- Decision by the FWO Board of Directors (July)

6. Evaluation process

Score grid – criteria

Scientific criteria

- Focus on new therapy, diagnosis and/or specific prevention of a disease (FIT)
- Positioning in the path from discovery towards an actual application (FIT)
- Added value towards the state-of-the-art
- Relevance of the scientific approach to achieve the scientific goals
- Balance between the risks and the feasibility of the scientific project goals
- Quality of the project plan + management
- Competence and infrastructure

Utilisation criteria

- Relevance of the project to achieve the utilization goal
- Intrinsic feasibility of the utilization goal
- Expected impact for the individual patient (FIT)
- Expected social potential for Flanders (FIT)
- Lack of industrial interest (FIT)
- Quality and feasibility of the utilization approach
- Competence with regard to transfer of the results towards an application

6. Evaluation process

Score grid – criteria

Possible scores that can be awarded per criterion are:

- Unacceptable Critical
- Poor -2
- Reasonable -1
- Positive 0
- Excellent +1

7. Practical recommendations

7. Practical recommendations when preparing a proposal

- Carefully read the documents on the website and contact FWO in case you should have questions (tbm@fwo.be)
- Before you start writing the proposal, send an abstract to tbm@fwo.be in order to get an idea about the fit of the project in the TBM programme
- Give a clear argumentation for the fit in the TBM programme (e.g. why is industry not interested?...)
- Make sure your project has a clear focus
- Make sure the scientific goals are well aligned with the utilisation goals

7. Practical recommendations when preparing a proposal

- Pay attention to power analysis (for clinical studies).
- Pay attention to the patient inclusion strategy (dropouts, feasibility).
- Pay attention to the utilisation planning.
- Don't forget to include the overhead costs in the project budget.
- Make sure every "declaration" has been signed in time (interact early with university services).
- Interact early with potential members of the advisory committee.

8. Additional information

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- TBM contact: tbm@fwo.be
- Website:

<http://www.fwo.be/nl/mandaten-financiering/onderzoeksprojecten/tbm-projecten/>

<http://www.fwo.be/en/fellowships-funding/research-projects/tbm-projects/>

AGENTSCHAP
INNOVEREN &
ONDERNEMEN

ONGOING TBM PROJECTS (awarded < 1/1/2016) WILL CONTINUE TO BE FOLLOWED UP BY THE **AGENCY FOR INNOVATION AND ENTREPRENEURSHIP** (www.vlaio.be)

8. Additional information

When requesting compute infrastructure

- ✓ When you outgrow your laptop, think [VSC](#)
- ✓ It is part of FWO
- ✓ Two types of resources:
 - ✓ [Tier-2 local at universities](#)
 - ✓ [Tier-1 for capability computing](#)
- ✓ Contact [local HPC](#) staff



Why use centrally managed compute resources ?

✓ No overhead

-  Hardware maintenance
-  Software maintenance
-  Maintenance costs

Done for you!

✓ Flexible resources

-  Peak workloads
-  Storage size and speed
-  Up-to-date hardware

Available for you!

✓ Added value

-  User support
-  Training
-  Consulting

Enabling you!



More information about the FWO

www.fwo.be

Information about FWO's operation, regulations,
scientific prizes and appeals...

All publications are free to download

www.geschiedenisfwo.be

Module about FWO's history

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