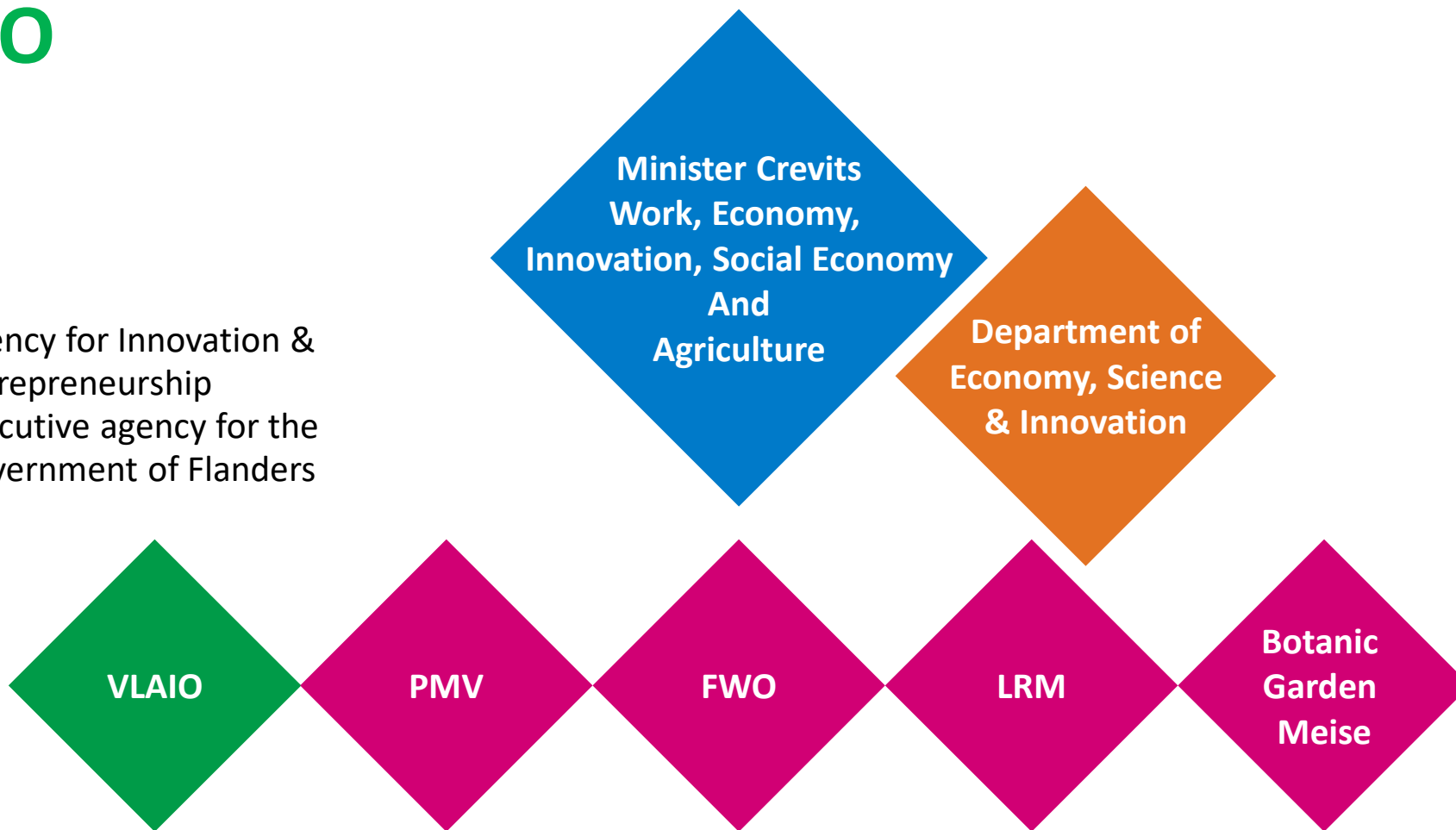


Baekeland mandates

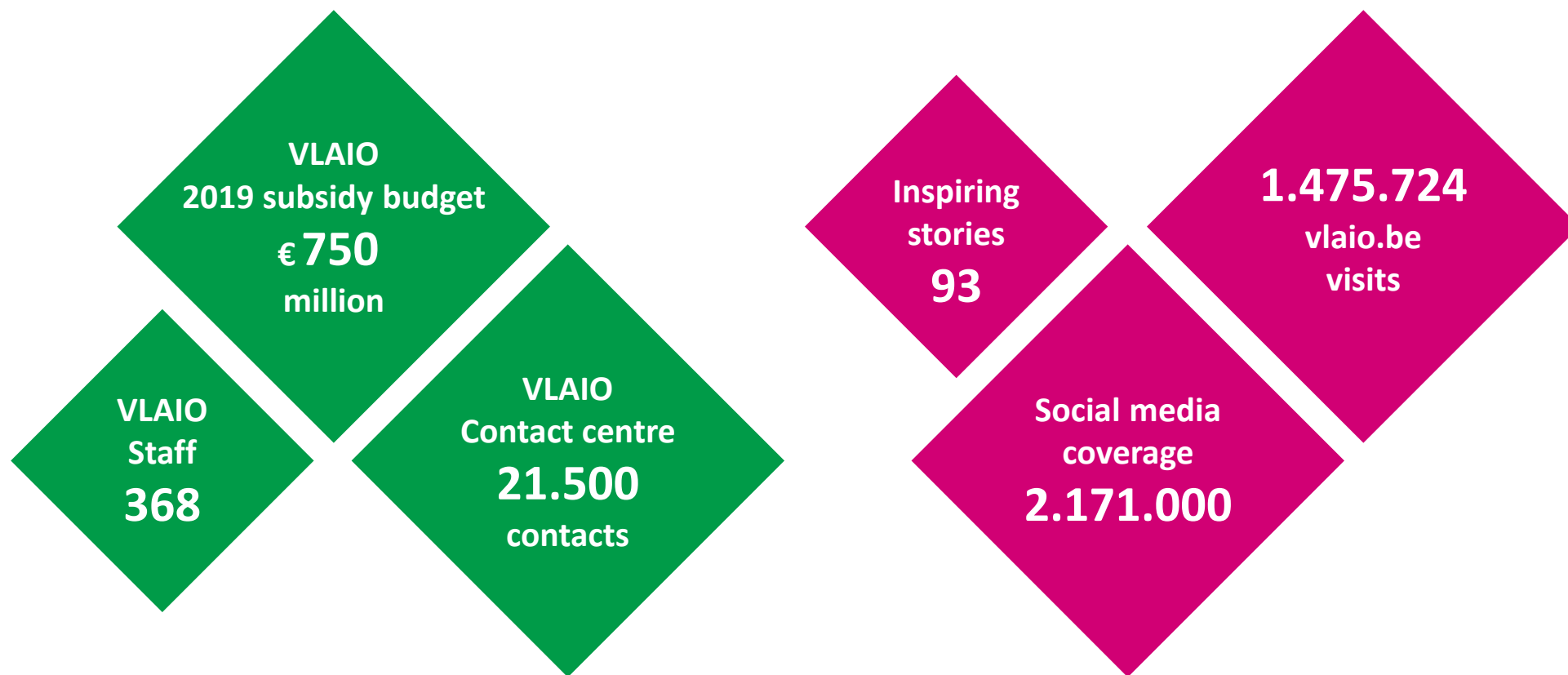
AGENTSCHAP
INNOVEREN & ONDERNEMEN

VLAIO

- Agency for Innovation & Entrepreneurship
- Executive agency for the Government of Flanders



At a glance



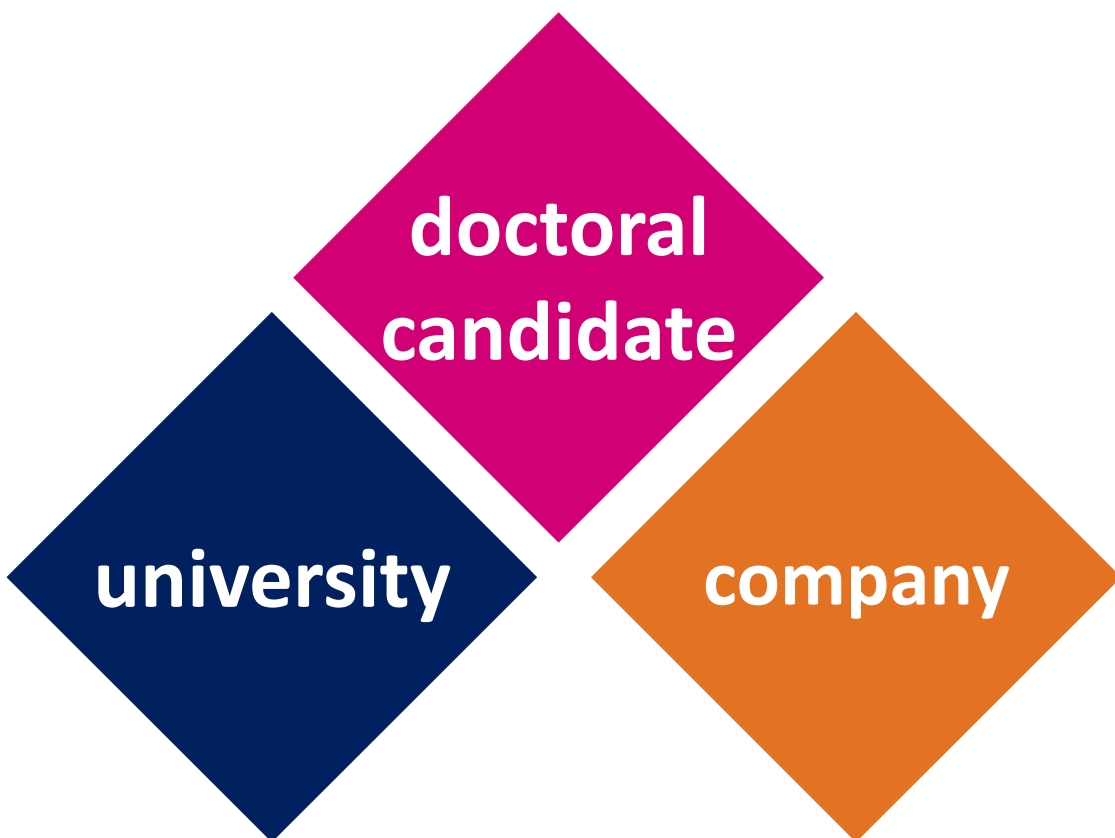
Overview

- Purpose
- General terms and conditions
- Consortium
- Budget and funding
- Submitting the project application
- Processing the project application
- Follow-up
- Timing

Purpose

The aim is to **promote the mobility of researchers** between the academic and the industrial world.

Purpose Baekeland



The Baekeland-programme offers **researchers** the opportunity to perform doctoral research and **to obtain a PhD-degree in close cooperation with a company.**

General terms and conditions Baekeland

- The research has a **clear economic objective** and will result – if successful – in an added value for the company
- The research is oriented to acquiring a **PhD** and meets the accepted criteria for doctoral research:
 - The project should fit within **strategic basic research** for a doctorate (PhD) = high-quality research that is innovative and provides the PhD student with ample intellectual challenges.

Consortium - partners

company

- **Strategic orientation** of the project
- **Co-financing**
- Assigns an **industrial mentor**
- Commitment for duration of the project

Research
centre

- **Scientific promotor**: responsible for scientific quality/guidance
- **university** for the assignment of a **PhD degree** according to the accepted criteria for doctoral research
- other knowledge centres (also from abroad) in cooperation with a scientific promotor at a Flemish university

candidate

- **employee** of the university/knowledge centre or employee of the company
- **mobility**: activities in the company and in the university/knowledge centre
- **open** to all candidates who are admitted to doctoral research at a Flemish university

Cases

Secure Code Warrior bvba

Security by design programmeerhulp voor het internet of things

Pieter De Cremer UGent, Faculteit Ingenieurswetenschappen en Architectuur

AURUBIS Belgium nv

Verbeteren van Cu kathode kwaliteit door verbeterde elektrolytische raffinage

Thomas Collet VUB, Faculteit Ingenieurswetenschappen

(www.vlaio.be/nl/over-ons/jaarverslagen)

Cases

UNIE-K vzw

Vermaatschappelijking en kwaliteit van ondersteuning: zorginnovatie in de residentiële zorg voor mensen met een meervoudige beperking.

Vanessa Dermaut UGent, Faculteit Psychologische en Pedagogische Wetenschappen

LynxCare Clinical Informatics nv

Optimalisatie van het aanpassingsvermogen van klinische informatie extractie systemen: Deep Learning en user-feedback propagatie technieken

Charlotte Hansart Universiteit Antwerpen, Faculteit Letteren en Wijsbegeerte

[\(\[www.vlaio.be/nl/over-ons/jaarverslagen\]\(http://www.vlaio.be/nl/over-ons/jaarverslagen\)\)](http://www.vlaio.be/nl/over-ons/jaarverslagen)

Cases

JANSSEN PHARMACEUTICA nv

Geïntegreerde procesmonitoring en -regeling voor de productie van actieve farmaceutische ingrediënten via tensor-gebaseerde data gedreven modelleringsmethoden

Carlos André Munoz Lopez KU Leuven, Technologicampussen Gent en Aalst


MÖBIUS Business Redesign nv

Meten en evalueren van kosten, outcomes, patiëntenervaring en geleverde zorg van transmurale zorgtrajecten

Sarah Misplon Universiteit Hasselt, Faculteit Geneeskunde en Levenswetenschappen

(www.vlaio.be/nl/over-ons/jaarverslagen)

Duration



In principle
4 years

- Interim assessment after 24 months
- Part-time occupation is possible ($\geq 0,5$ FTE),
 - part of the assessment
 - can PhD be obtained?
- In case of part-time occupation
 - project duration extended
 - total support = 4 or 2 full-time person years

Budget and funding

- Basis = payroll of the mandate holder (based on the real salary cost) + the other costs associated with this **one employee**
- Other costs = $\Sigma(\text{fixed costs} + \text{operating costs} + \text{equipment costs})$
 ≤ 40 keuro/FTE
 - Overhead (max. 20.000 euro/year)
 - Operating costs (materials, licencies, travelling costs, ...)
 - Depreciation of equipment (% occupation, depreciation period)
- No fixed sum but a **maximum** (details)
- Support of 50%, 60 or 70% for SME's
- 10% extra support for well-balanced collaboration between several independent companies and at least one partner is an SME

International mobility

→ incoming mobility

- Aim = to involve the candidate from abroad in the set-up of the project proposal and the preparation of the oral defence
- The maximum duration of this internship is 3 months
- Covering travel costs (max. 1.000 euro) and a fixed daily allowance of 66 euro/day
- To be included in the budget of the project application

Baekeland: International mobility

→ outgoing mobility

- Travel grant for a long stay abroad
- For at least 3 months (or several shorter stays equivalent to min. 3 months in the same research group)
- Covering travel costs (max. 1.000 euro) and a fixed daily allowance of 66 euro/day
- In agreement with all partners + attention to IPR-agreements with the hosting research group
- Applications can be made at any time; decision on the grant allocation within 30 working days
- No more than one long visit grant per mandate

Intellectual property

- Mutual consent concerning the distribution of IPR. Different options are possible, e.g:
 - Shared rights
 - Property rights to the results would belong to the knowledge centre
 - Company would acquire property rights on results with a specific target
- Partners need to agree on access to background knowledge



Submitting the project application

www.vlaio.be/baekeland

AGENTSCHAP
INNOVEREN & ONDERNEMEN

Nieuws Publicaties Events Ondernemersverhalen Over ons Andere doelgroepen EN

Informatie, begeleiding & advies ▾ Subsidies & financiering ▾ 🔍

Subsidies & financiering

Baekeland-mandaten

Home Wat Voorwaarden Bedrag Aanvraagprocedure Vervolgstappen English **Aanvragen**

⚠ Vanaf de oproep met indieningsdatum 3 september 2018 moeten projectaanvragen online ingediend worden.

In 't kort

Met Baekeland-mandaten willen wij individuele onderzoekers de kans bieden een doctoraat uit te voeren in nauwe samenwerking met het bedrijfsleven. Bij het Baekeland-mandaat is enerzijds een Vlaams bedrijf betrokken; dit bepaalt de strategische oriëntatie van het project en zorgt voor cofinanciering. Anderzijds staat een Vlaamse universiteit in voor de begeleiding naar en de toekenning van een doctoraat volgens de gangbare kwaliteitsnormen. Het bedrijf treedt op als de hoofdaanvrager bij Agentschap Innoveren & Ondernemen. Na goedkeuring wordt aan het bedrijf projectmatige steun toegekend. We voorzien in cofinanciering van de personeels- en werkingskosten van de doctorandus.

Samengevat

Voor wie?
consortium bestaande uit (minimum) een Vlaams bedrijf, een Vlaamse universiteit en een doctorandus

Voor wat?
uitvoeren van een doctoraatsproject met meerwaarde voor het bedrijf

Bedrag
50 tot 80% van de personeels- en werkingskosten van de doctorandus

Pre-registration

Application Baekeland mandate

[Klik hier om je aanvraag in het Nederlands in te dienen](#)

[More information about the application for this subsidy](#)

Project

Give the project title

Candidate mandate holder

First name

Name

Applicant - company

Is the company already created?

Yes No

Enter the company number from the [Crossroads Bank for Enterprises](#) below.

Company number (CBE)

University

Enter the company number from the [Crossroads Bank for Enterprises](#) below.

- Katholieke Universiteit Leuven: 0419.052.173
- Universiteit Antwerpen: 0257.216.482
- Universiteit Gent: 0248.015.142
- Universiteit Hasselt: 0208.359.859
- Vrije Universiteit Brussel: 0449.012.406

Company number (CBE)

Contact details

Enter your e-mail address below. To this address we will send an e-mail with a personalised link to your application.

First name

Name

National registry number

E-mail


Submit

Mail with link to application

Project portal

PROJECT OVERVIEW BAEKELAND Els Tourwé | Log off

[How to complete this application](#)

 The application is submitted completely, when all parts are submitted. This means

- the main applicant completed and submitted the form "General project information".
- the main applicant completed and submitted the form "Main applicant".
- each partner completed and submitted his specific form.

When an application is submitted completely, you receive a confirmation email with an overview of the application.
Contact us at bedrijfsinnovatie@viaio.be if you assume the application is submitted completely, but you did not receive a confirmation email.

General project information + Candidate Mandate Holder Open form

Project title:	Test project
Candidate Mandate Holder:	Els Tourwé
Status:	To validate

Main applicant - Company

Organisation	Status	Contact	
E - MAX ALUMINIUM PROFIELEN	In draft	Els T.	Open form

Industrial partners + Add

Organisation	Status	Contact
No data		

Knowledge Institutes + Add

Organisation	Status	Contact	
UGent	In draft	Els T.	Open form

Fill in the different forms

GENERAL PROJECT INFORMATION - MANDATES Eis Tourwé | Afmelden

[Terug naar projectoverzicht](#)

Project information

1 2 3 4

Project information

General information

Project title

Keywords

Start date

Duration in months

This project is a resubmission Yes No

Employment Full-time Part-time

Proposal for the industrial PhD research

Please download the following [MS Word template](#), fill it in and upload it below.

[Bijlage toevoegen](#)
Sleep de bijlage naar hier om toe te voegen

Cooperation agreement

The cooperation agreement is preferably immediatly part of this application, but can also be submitted to the Agency at the latest on the deadline mentioned in the [call document](#).

Versie This is the final version
 This is a preliminary version
 This document is missing, but will be delivered to the Agency before the deadline

[Bijlage toevoegen](#)
Sleep de bijlage naar hier om toe te voegen

[Next](#)

Form is submitted by legal representative



Declarations

You are a legal representative or mandated of the legal representative and want to submit the application: complete the declaration below, complete your data as submitter with your e-mail address, go further and click on "Submit" under the overview of the provided information.

You are not the legal representative and not mandated? Forward the mail with the link to the application to the legal representative or mandated, to complete the declaration and to submit.

After submitting you cannot change the information. Your application will only be complete after the general project information has been submitted and all partners, if any, have submitted their specific part. After this, all applicants will receive a confirmation with the overview of the application.

Als rechtsgeldig vertegenwoordiger van de aanvragende onderneming of gemandateerde van de rechtsgeldig vertegenwoordiger, geef ik het Agentschap Innoveren en Ondernemen, optredend voor het Hermesfonds, de toestemming alle nodige acties te laten uitvoeren naar aanleiding van de aanvraag voor dit project.

I declare that the selected Type of company is correct and declare that I have correctly completed the requested information on the annual reports and shareholders & ownership shares where required.

I declare that no other governmental support was requested or obtained for this project.

I declare that on the date of submission of this application, the company has no overdue unpaid taxes and/or employer social security contributions and is up to date with respect to all the required (environmental) permits.

I declare to be informed that the Hermes Fund can and may not give a subsidy to [an undertaking in difficulty](#).

I declare that, when a contract is subcontracted to a research organisation, the company reimburses the service provided at the market price or fully reimburses the costs and pays a reasonable margin in addition.

I declare that I have taken note of the project application and the modalities of such project application as described in the manual of the Agency for Innovation and Business, acting for the Hermes Fund.

In case of approval of the Baekeland mandate, I agree that the project is carried out by the candidate mandate holder and that the supervision is ensured by the industrial promoter(s) and the scientific promoter(s). The activities of the promoters imply that at the request of the Agency for Innovation and Entrepreneurship, acting for the Hermes Fund, or at the request of the candidate holder, the promoters concerned are available to consult each other on the progress of the project, to advise on interim reports, publications and the valorisation process of the research.

I agree to the activities being carried out as stated in the accompanying project application.

The company is a small enterprise Yes No
under 10 years of age

I declare that, in the course of the project implementation, the company does NOT wish to use the partial exemption of tax deducted at source on wages of employees as a Young Innovative Company (YIC). In the event of a change in this situation, I will inform the Agency Flanders Innovation & Entrepreneurship immediately of the fact in writing.



**Processing
the project
application**

Eligibility

- All participants have to be known and eligible
- Principal agreement on IPR and use of results: can, exceptionally, be submitted later on.
- (conditional) permission, assigned by the university, to start the PhD-work
- Candidate: max 2 applications

Assessment

- Oral defence before a panel of experts
 - only the candidate mandate holder is invited
- Experts: 50/50 academic/industry
- Confidentiality & experts to be avoided (max. 5 names and because of industrial competition)
- Application in English or Dutch
 - oral defence in the same language
- Introduction (1 min.)
- Interactive discussion (30 min.)

Evaluation criteria

- Divided in four quadrants:
 - Scientific quality vs utilisation quality
 - candidate vs project
- Scores: excellent-good-moderate- weak (critical)
- Basis: explanatory document available at the website
- Panel with experts: score per criterion and per set (=quadrant), final appreciation by the Hermes comity
- Always: GO/NO GO
Hermes comity decides on the cut-off, in case of # > budget

Evaluation criteria

I. Scientific quality

A. Candidate

1. Reasoning skills and critical-scientific mindset of the candidate
2. Scientific knowledge and insight into the project

B. Project

1. Scientific quality level and challenges
2. Quality of the research approach and feasibility

Selection criteria

II. Utilisation quality

A. Candidate

1. Insight and vision on the strategic importance of the project for the valorisation objectives
2. Knowledge and insight in the valorization path

B. Project

1. Strategic importance
2. Size and probability of the expected valorization (in case of scientific success)



Follow-up

AGENTSCHAP
INNOVEREN & ONDERNEMEN

Start date

Start date

At the latest, 6 months after the decision

Retro-activity is possible:

Earliest possible start date = 1st of the month following the submission deadline

Period before the decision of VLAIO: at own risk

Follow-up

- The funding is paid in **yearly instalments**, in the form of advance payments
- **Progress report** every year (for each payment)
- **Final report**
- **Financial report** at the end of the project: corresponding to the real costs and committed funding rate, last payment = accepted funding minus the instalments already paid
- Changes within the scope of the innovation goal possible

(Post-)doctoral programme in collaboration with industry: what's in it for the candidate?

- Exposure to the private environment and acquire an insight of non academic organisations
- Facing “real life” research problems
- Joint supervision by professionals from industry
- Broaden employability perspectives
- Enable networking outside academic environment
- Access to additional industry training and meetings

(Post-)doctoral programme in collaboration with industry: what's in it for the company?

- acces to expertise at the university
- new in-depth knowledge
- student reinforces theirresearch team
- recruitment
- build a strong bond with the university of your choice, development of your network
- research in co-financed up to 80%

1st call in 2020

Deadline for submission: March 24, 2020



Oral defence (indicative): May, 25 – June, 15



Decision: July 9, 2019

Contact persons

Programme: Els Tourwé

Secretary: Ann Voets / Ann Joris

Questions?

Mail to baekeland-im@vlaio.be