

Fostering the Innovation Ecosystem





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UNIVERSITAT DE BARCELONA

WHO ARE WE?

THE TECHNOLOGY TRANSFER OFFICE OF THE UNIVERSITY OF BARCELONA (TTO)



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- Valorization & Licensing
- Business creation
- Contract research



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WHO ARE WE?

University of Barcelona performs brilliant **research** that generates groundbreaking inventions, that not only save lives, but improve the way we live, work and play



university

Technology Transfer office

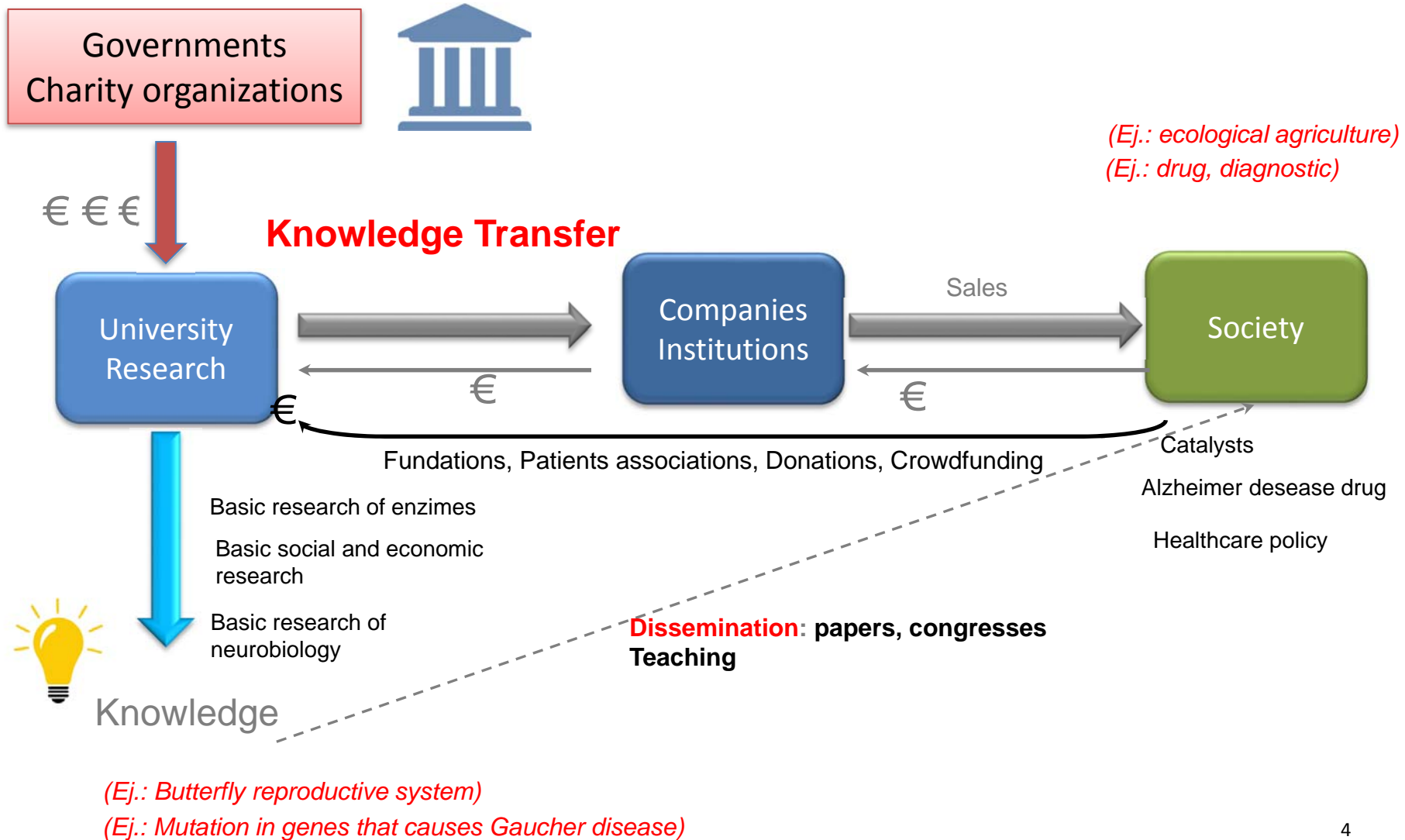


Google





Knowledge transfer process

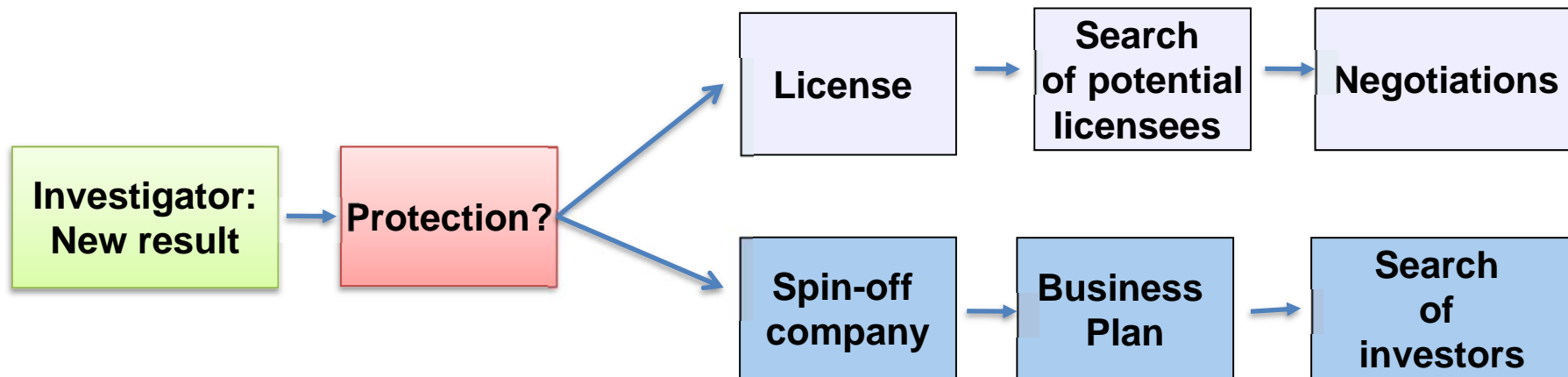




Technology transfer process

Exploiting the University research is easier said than done

- The process of technology transfer is summarized in the following diagram:





The Patent

What we are talking about?

Policy framework

University of Barcelona owns the Intellectual Property (IP) rights resulting from university research activities.

Applicant

Disclose
Invention
Pay tax

“Social contract”



Government

Grants an
exclusivity

- **Prevent others** from making, using, offering for sale, selling or importing infringing products **in the country where the patent was granted**
- **Sell these rights** or conclude **licensing contracts**
- For up to **20 years** from the date of filing of the patent application



PATENTING – A PIECE OF ADVICE

Be discreet about your research until intellectual property is protected (e.g. no article, press release, conference presentation/poster/proceedings or blog entry)

“Protecting first, publishing later”



Invention need to be **new** to the World



- No lecture or presentation prior to filing a patent except under a non-disclosure agreement (NDA)

Don't start your R&D project until you have done a search!

25% of all R&D efforts... are wasted each year in replicating R&D already done

60 000 million € a year in Europe



PATENT AND LICENSING

What we do?

Support

- Evaluation of inventions
 - *meets the requirements of patentability (new and nonobvious)*
 - *Screening if there is a commercial interest (analysis of the market, competition, potential customers)*
- Defining the best protection strategy
- Finding industrial partners
- Negotiation and legal support (NDA, MTA, license agreement)
- **UB pays for any patent cost (3000-8000 Euros /patent)**





PATENT AND LICENSING

What we do?



Binding: A software that improves the reading skills of children



Kit for monitoring and quantifying hepatitis A virus in food



New car sensor to reduce pollution levels

UB policy framework: Academic inventors share the benefit of the license (50% of net income goes to researchers and 15% to the group and 10% to the department).

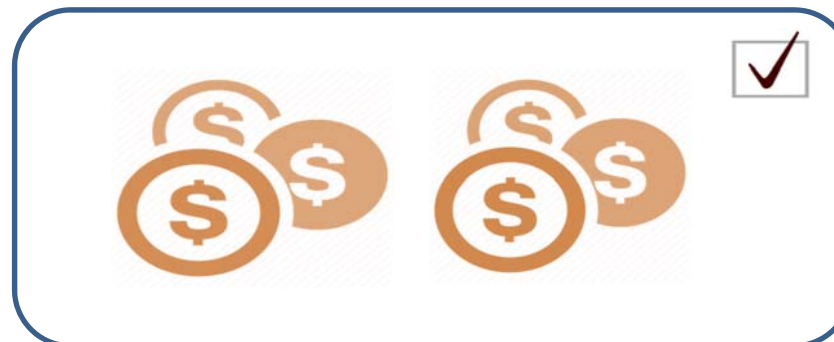




It is feasible to start a Company?



- What need are you addressing
- How is your business going to make money
- How much money is required to get your business started





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Spin-out UB current portfolio

Enlighting
Technologies



NBD INOSTRUM BIODISCOVERY

Cytes Biotechnologies

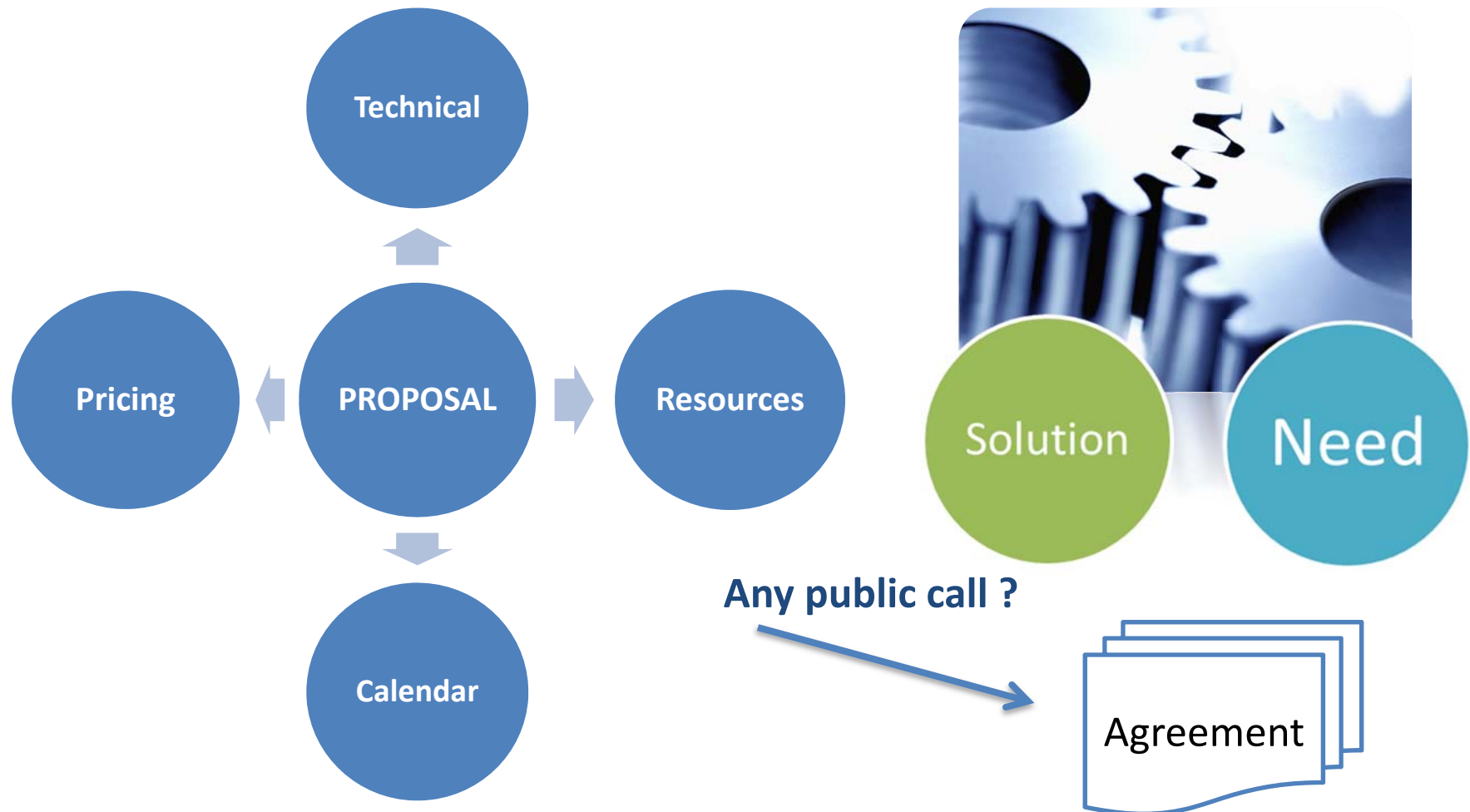


Biocontrol
Technologies S.L



Contract research What is our role

Define the collaboration





Support?

- **Negotiation & legal support**

- Trade-off confidentiality versus right of publication
- Pricing & fair return
- Ownership of the results arisen from the project
- Non-disclosures agreements

- **Finding industrial partners**

- Participation in national and international fairs
- Organization and participation in technical workshops
- Business association collaborations

- **Financial follow-up (invoicing, staff recruitment and suppliers payment)**

2017: more than **700 companies & institutions** engaged with Fundació Bosch i Gimpera



Economics

- Another source to finance your research: You can use the net profit of the sponsor research project to growth your research group or pay other research expenses
- Find a partner for an European project

Intangibles

- Increase the impact of your research
- Identify new research lines



Contact us, whenever:

- . You have a brilliant result from your research that you think it will impact world
- . You are thinking in creating a spin-off from your research
- . There is a company that is interested in collaborating with you



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