



Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından finanse edilmektedir  
This project is co-funded by the European Union and the Republic of Türkiye



Technical Assistance for Turkey in Horizon 2020 Phase-II  
EuropeAid/139098/IH/SER/TR

# Ufuk Avrupa Kümeleri'ne yönelik hazırlanan teklifler için Deđerlendirme Önerileri ve Püf Noktaları

*Prof. Dr. Cengizhan Öztürk, Bođaziçi Üniversitesi*

*"Hakemlerin Perspektifinden Ufuk Avrupa Projeleri"*

**BİLGİ GÜNÜ**

*21.11.2022, Ankara*

# Kişisel Tanıtım:

- Koordinatör, **İSEK** (İstanbul Sağlık Endüstrisi Kümelenmesi) (>2015)
- Koordinatör, **İnovita** (Yaşam Bilimleri ve Teknolojileri İstanbul)
- Kurucu Müdür (2009-13) ve Endüstriyel İlişkiler Koordinatörü **Teknolojileri UYGAR Merkezi (BÜ)**
- **Biyomedikal Mühendisliđi Enstitüsü**, Boğaziçi Üniversitesi
- Araştırma: Tıbbi Görüntüleme (MRG), Görüntü Değerlendirme (ABD 14 yıl: Drexel ve John Hopkins Üniversitesi)
- **M.D.** (Marmara Üniv.) / **Fizyoloji Uzmanı** (BME, Drexel Üniversitesi)

**Uygulama**

**Altyapı Projeleri**

**Disiplinlerarası Araştırma**

**Temel Eğitim (Disiplinlerarası)**





**LifeSci**

# Ekosistem Oyuncusu 2: BOĞAZIÇI UNIVERSITY CENTER FOR LIFE SCIENCES & TECHNOLOGIES

transforms the ecosystem by focusing on  
**TARGETED THERAPY TECHNOLOGIES**



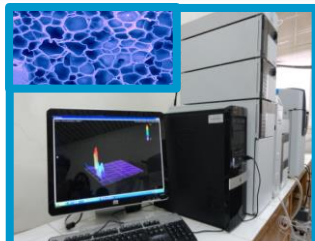
Translation from Research

to Production

to Clinic via Start-ups



**Research Labs**



**Test & Analysis**



**MicroAlgae  
Bioproduction**



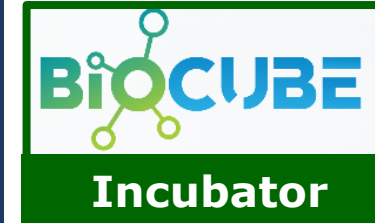
**GMP Level Production Facilities**



**Clean Room**



**Vivarium &  
Animal Imaging**



# AB Maceraları:

- (FP6), FP7, Horizon 2020, Horizon Europe
- AB dıřı: farklı ÷lke deęerlendirmeleri ve NIH-NHLBI (extramural deęerlendirmeler)
- **Kiřisel:** Proje Gnderimi (++), Yrtc (+), Ortaklık (++), Hakemlik (++++)
- **Merkez:** Proje Gnderimi (++), Yrtc (-), Ortaklık (-), Hakemlik (-)
- **Kme:** Proje Gnderimi (+++), Yrtc (-), Ortaklık (-), Hakemlik (-)
- **Aktif Projeler:** Inavigate, NeurotechEU, IPA II (yrtc)



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# Deđerlendirme Önerileri ve Püf Noktaları





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# Neden AB Hakemliđi?



- Bilimsel aıdan ok doyurucu (*akıl sađlıđımız iin gerekli!*)
- Gelecekte AB projesi yazmaya net katkı
  - Bilimsel ađ oluřturmak
  - İyi ekiplerle sosyal etkileřim
  - Hangi zellikte projelerin nasıl skorlandıđını anlamak
- Finansal aıdan olduka iyi bir getirisi var
- Hakemliklerimiz az, daha yaygın bařka grevler de almalıyız



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# Hakem seçilmek?



- Sürekli bir dönüşüm oluyor AB hakem havuzunda ve belirli dengeler gözetiliyor (coğrafi dağılım, cinsiyet, farklı uzmanlıklar...)
- AB hakem web sayfasında temel bilgileri girmek (önkoşul), ayrıca webde kolay ulaşılabilir bilgiler bulunmalı (LinkedIn, kurumsal web sitesi, diđer sosyal medya?)
- E-postalara cevap vermek (takvim uygunluđu, uzmanlık seçenekleri, belirli formatlarda cevap önemli!)
- Diđer hakemlerin tavsiye mekanizmaları en çabuk giriş yolu! Hakem olanların da başkalarını önermesi önemli.

# Deđerlendirme Süreci: (1)

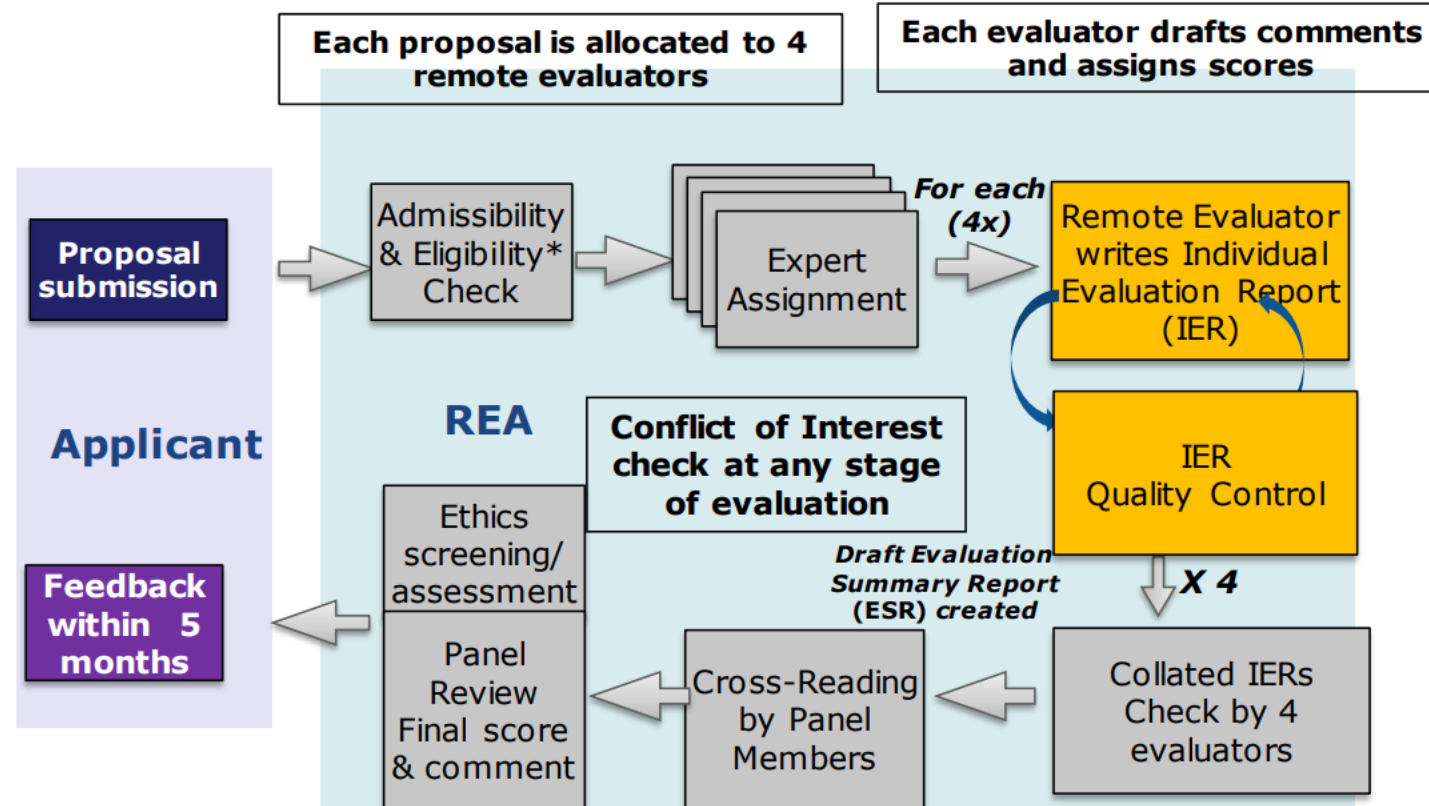
- Farklı çağrılarda doğal olarak birbirinden farklılık gösteriyor
- Pandemiden çok etkilendi (olumlu ve olumsuz yönleri var)
- Hakemlikte raporda beklenen yapıya uymak ve TÜM ALTBAŞLIKLARDA net görüş bildirmek önemli
- Hakemlik raporu ile skor arasında uyum çok önemli (minimal bir aralıkta düzeltme imkanı olabiliyor)



# Deđerlendirme Süreci: (2-FET)

- (Uzaktan) proje deđerlendirmeleri/müzakereleri
- Consensus toplantıları (farklı temalarda gruplandırılmış)
  - Vice Chairs (önceki hakemlerden seçim yapma!)
  - Raportörlük (her projeye ortak kısa rapor – eşik üstü olanlara)
  - Kalite Kontrol Uzmanları ve Gözlemciler
- Son panel: grupları birleştirme, listeleme ve son deđerlendirmeler

## FET-Open Evaluation process



\*out-of-scope can be declared at further stages

## Milestones reached since 3 June 2020

- **902 proposals** submitted, 9 proposals declared inadmissible, ineligible or were withdrawn. **893 proposal evaluated.**
- More than **1500 experts** were checked for possible Conflict of Interest
- Approximately **900 Remote Evaluators** allocated to between **1** and **8** proposals (apart from few exceptional cases)
- **114 Vice-Chairs Quality Controllers** (VC-QCs) who work with up to 8 (average) proposals each.
- **133 Vice-Chairs Cross Readers** (VC-CRs) who will work :
  - with up to 8 (average) proposals each as Rapporteurs
  - and up to 30 proposals as Cross –Readers with voting rights



## Evaluation criteria, Scoring and Thresholds

Excellence	Impact	Quality and efficiency of the implementation
<p>Adherence to the "FET gatekeepers" as described in the call text:</p> <ul style="list-style-type: none"> <li>• Clarity of the radical vision of a science-enabled technology and its differentiation from current paradigms.</li> <li>• Novelty and ambition of the proposed science-to-technology breakthrough that addresses this vision.</li> <li>• Range of and added value from interdisciplinarity for opening up new areas of research; non-incrementality of the research proposed.</li> <li>• High-risk, plausibility and flexibility of the research approach.</li> </ul>	<ul style="list-style-type: none"> <li>• The extent to which the outputs of the project would contribute to the expected impacts listed in the work programme under this topic.</li> <li>• Effectiveness of measures and plans to disseminate and use the results (including management of IPR) and to communicate about the project to different target audiences.</li> </ul> <p style="text-align: center;">14</p>	<p>The following aspects are taken into account:</p> <ul style="list-style-type: none"> <li>• Coherence and effectiveness of the research methodology and work plan to achieve project objectives and impacts, including adequate allocation of resources to tasks and partners.</li> <li>• Role and complementarity of the participants and extent to which the consortium as a whole brings together the necessary expertise.</li> </ul>
<p style="text-align: center;"><b><u>Threshold: 4/5</u></b> <b><u>Weight: 60%</u></b></p>	<p style="text-align: center;"><b><u>Threshold: 3.5/5</u></b> <b><u>Weight: 20%</u></b></p>	<p style="text-align: center;"><b><u>Threshold: 3/5</u></b> <b><u>Weight: 20%</u></b></p>

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### Interpretation of the scores

**Scores must be in the range 0-5. Half marks may be given. When an evaluator identifies significant shortcomings, he or she must reflect this by awarding a lower score for the criterion concerned.**

0

The **proposal fails to address the criterion** or cannot be assessed due to missing or incomplete information.

1

**Poor.** The criterion is inadequately addressed, or there are serious inherent weaknesses.

2

**Fair.** The proposal broadly addresses the criterion, but there are significant weaknesses.

3

**Good.** The proposal addresses the criterion well, but a number of shortcomings are present.

4

**Very Good.** The proposal addresses the criterion very well, but a small number of shortcomings are present.

5

**Excellent.** The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.



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## Proje yazılırken dikkat edilmesi gereken hususlar:

- Çađrı ile tam uyum önkoşul (InScope – OutofScope)
- Özen verildiđini ve zaman harcandıđını hakemlere iletmek çok önemli (imla hataları, şekiller, rakamlar...)
- Daha önce bu konu ile ilgili AB projelerini bilmek ve onların üstüne yeni projeyi konumlandırmak
- Proje ile ilgili kişisel/ekip/kurumsal tecrübeleri net göstermek



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## Deđerlendirmelerde en çok puan kaybettiren hatalar:

- Özgün deđer eksikliđi
- Hedeflerin genel kalması ve ölçülebilir olmaması
- Impact: çok genel, sayılara dayanmamak, sınırlı açılardan verme
- Konsorsiyum'da veya ekipte eksik uzmanlıklar
- İş planı kurgusundaki sorunlar (çok basit, çok karışık, görev dağılımındaki dengesizlikler/belirsizlikler)
- Risk analizinde eksiklikler
- Bütçe (?)





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## Projenin hangi özellikleri projenin kazanmasını sağlıyor?:

- İyi bir özet
- Genel kurgunun iyi bir şekilde açıklanabilmesi (tercihen tek bir şekil ya da diyagram ile)
- Impact, dissemination, exploitation ...
- Kişisel olarak daha önce bir AB projesi yapmış olmak (!)
- AB tecrübesi olan bir kurumdan göndermek (!)



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## Genel Deđerlendirmeler:

- Sisteme güvenmek lazım, kişisel deđerlendirmelerinde ısrarcı olanlara uygun deđil bu tür panel süreçleri
- Çok farklı alanlardan (bazen de alanında zayıf) uzmanlar olabilir, çok bildiđiniz konuda bile herkesi ikna edemeyebilirsiniz
- Çok detaylı (“kılı kırk yaran”) incelemeler yapmak sıkıntılı
- “Personal Scientific Bias” – kanımca en sıkıntılı unsur



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## Genel Deđerlendirmeler:

- Bir projenin çok iyi bir fikri olması, mükemmel bir ekibi olması, fonlanması için yeterli deđil (projeye aşık olmamak gerekli)
- Genelde “cesur ama riskli projeler” için iş daha zor
- Gittikçe daha çok profesyonel yazım desteđi gerekiyor
- İçi boş ama çok iyi yazılmış projelerin de sayısı artıyor





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## Genel Deđerlendirmeler:

- Proje yazım ekibi kurulmalı (dış destek bile alınsa)
- Çađrıya uygun proje, kurumsal/kişisel hedeflere uygun çağrı...
- Tübitak destekleri çok iyi, kullanılabilir
- Metodolojik yaklaşım ve sabır gerekli
- Projeden vazgeçmeyi bilmek de önemli



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# Mevcut Horizon Yapılanmamız ve Faaliyetlerimiz

# Boğaziçi LifeSci's "EU

## DEPARTMENT"

### EU AFFAIRS & INTERNATIONAL FUNDING UNIT

Established in March 2022 in Boğaziçi University's Center for Life Sciences and Technologies, EU Affairs and International Funding Unit is the first and only division specialized in EU affairs under a Turkish university. Furthermore, we are the single university directly represented at the EU level, in Brussels.

Our division is committed to maximize the impact of our stakeholders through innovation, influence and collaboration.

BOUN LIFESCI

EU AFFAIRS AND  
INTERNATIONAL  
FUNDING  
UNIT



ALİ TÜRKELLİ

EU Affairs Coordinator  
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SÜHEYLA TÜRKYILMAZ

Senior Project Manager



GÜNEŞ YAVUZ

Senior Communications Expert



ASUMAN KOLBAŞI

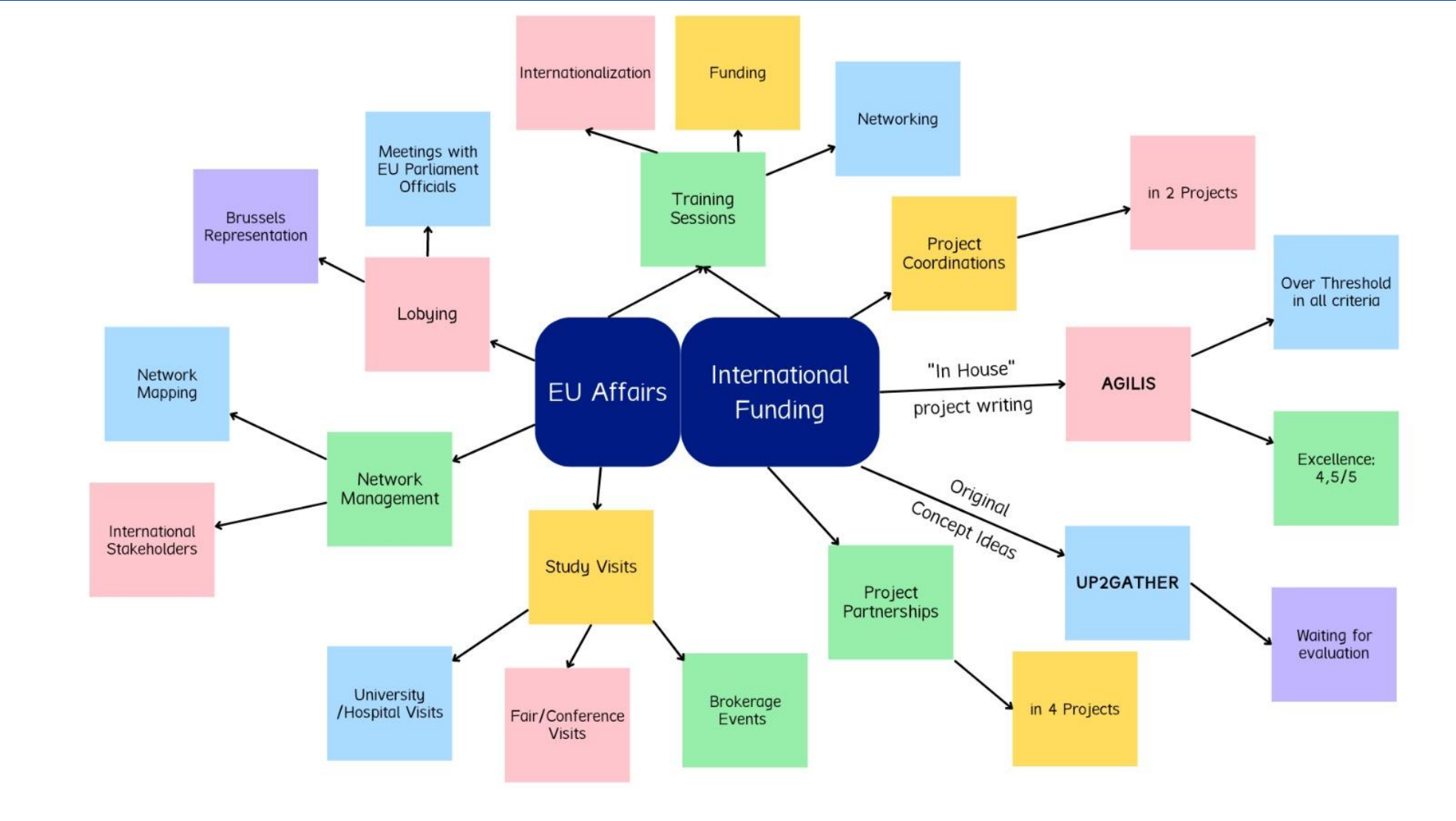
Project Manager



ERALP KARDUZ

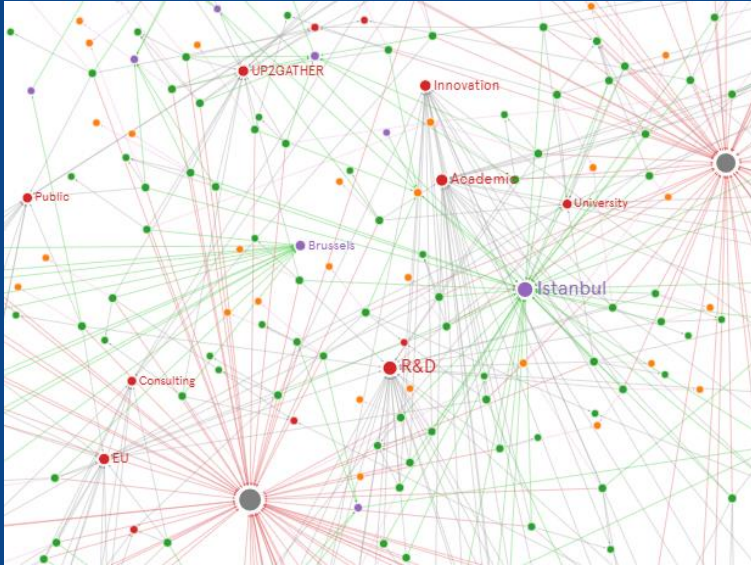
Project Assistant

# OUR STRUCTURE



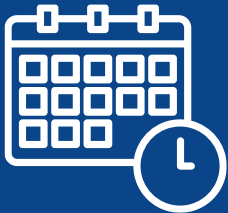


# NETWORKING & INTERNATIONAL STAKEHOLDER MANAGEMENT



350+ INTERNATIONAL STAKEHOLDER NETWORK  
ACROSS 25+ COUNTRIES

- European Parliament
- European Commission Directorate-General for Research and Innovation
- European Commission Directorate-General for Health
- IMEC
- EIT Health
- UniLion
- Neurotech.eu
- Fraunhofer
- Vaccines Europe and many more



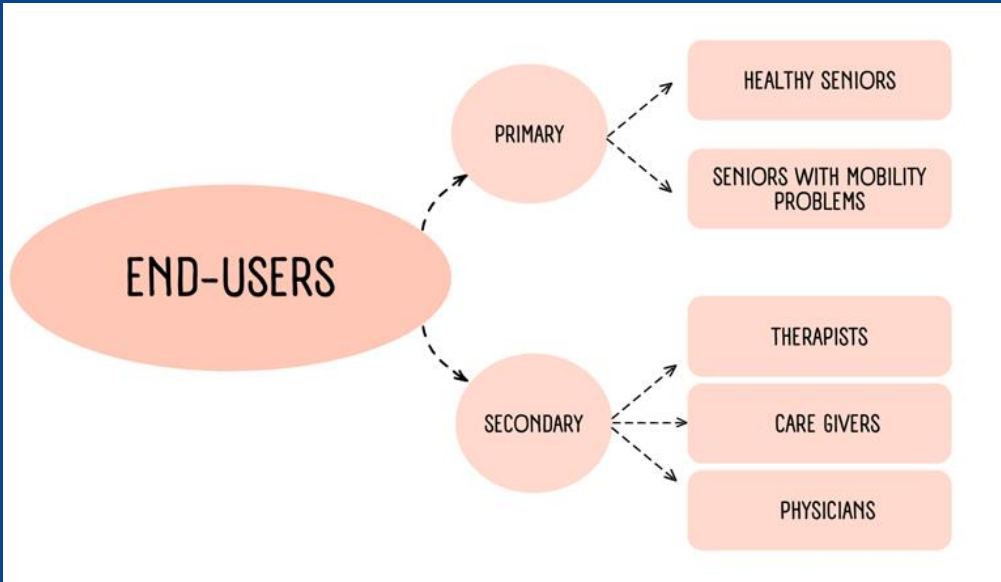
EVENTS & STUDY VISITS  
ONLINE & IN-PERSON THROUGH OUR GLOBAL PARTNERS



60+ HOURS  
MONTHLY AVG. FOR B2B MEETINGS



# NETWORKING & INTERNATIONAL STAKEHOLDER MANAGEMENT



## AGILIS

HORIZON-EIE-2022-CONNECT-01-01 (CSA)  
 CREATE A COLLABORATIVE EUROPEAN INNOVATION ECOSYSTEM  
 AROUND HEALTHY AGEING ACROSS EUROPE VIA LIVING LAB  
 NETWORKS.

"It includes ground-breaking actions by way of knowledge transfer  
 and the creation of a themed living lab..."

## UP2GATHER

HORIZON-EIE-2022-SCALEUP-02-01 (CSA)  
 ESTABLISH A STRONG DEEP-TECH INVESTMENT NETWORK  
 IN THE MEDITERRANEAN.



## COMPLETED



5 HORIZON EUROPE AND 1 EUREKA APPLICATIONS IN 6 MONTHS; 2 COORDINATORSHIPS & 4 PARTNERSHIPS.



FULL SCREENING AND SHORTLISTING FOR HORIZON EUROPE 2023-2024 CALLS



DELIVERED 20+ EXPRESSION OF INTERESTS

Health Cluster DRAFT List of Topics for WP 23-24 – Vs.2.0 for PC 4-3-2022

**Cluster 1 – Health**  
**Topics WP 2023-2024**  
**Draft Vs.2.1**

*This file contains draft topics of the Health Cluster WP by Destinations for information of the Health Programme Committee – February 2022!*

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**Horizon Europe Expression of Interest**  
 BOGAZICI UNIVERSITY LIFESCI Center for Life Sciences and Technologies

**OUR UNIVERSITY**

Among the flagship universities in Turkey and Eastern Europe, Boğaziçi University (BOUN) is an elite research university in natural and social sciences, humanities, engineering, education, and applied disciplines. Established in 1863, Boğaziçi is endorsed by the European Universities Association (EUA) and all departments of the Faculty of Engineering have been accredited by the Accreditation Board of Engineering Technology (ABET) since 1998.

Boğaziçi comprises 4 Faculties, 2 Schools, 6 Institutes covering 29 undergraduates, 67 Graduate and 33 PhD Programs as of November 2021. Besides the success of the university is the consequence of the multidisciplinary core group—which has strong connections abroad—conducts the research around the world. Furthermore, BOUN has different Technology Transfer Intermediaries including Research Web Site, Technology Transfer Office, Teknopark, KOSGEB/TEKMER, and 157 Research Laboratories and 32 Research Centers.

Boğaziçi aims to accelerate technology and innovation by providing value added-high quality and internationally well-known education and applicable research activities. One of the main research fields of Boğaziçi is Biomedical Technology. In parallel with this, it conducts research and developing new technologies, biotechnological products in the field and the university provides know how to spin-off companies, start-ups and SMEs for the manufacturing of innovative products. 75% of patent applications made by the university is in the field of biotechnology. The university comprises a state-of-the-art **thematic incubator**, - *Center for Life Sciences and Technologies*—which supports biotechnological initiatives in the field of health technology. It also provides services to the sector in experimental animal and testanalysis subjects, which are pioneering in terms of our country. Furthermore, it's **Internationally certified Clean Room and modular pilot production facility** that is used by the companies for their first production/prototyping, which supports research and development activities.

## Dikkatiniz için en içten teşekkürlerimle ...



### Prof. Dr. Cengizhan Öztürk

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**İSEK**, İstanbul Sağlık Endüstrisi Kümelenmesi (<http://www.i-sek.org/>)

**BU-LifeSci**, Boğaziçi Üniversitesi Yaşam Bilimleri ve Teknolojileri UYGAR Merkezi  
([lifesci.boun.edu.tr](http://lifesci.boun.edu.tr))

Boğaziçi Üniversitesi, Biyomedikal Mühendisliği Enstitüsü, ([bme.boun.edu.tr](http://bme.boun.edu.tr))

