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UFUK AVRUPA

EIC Accelerator Programme and Strategic Insights for a Competitive Application

Dr. Sanem Yalçıntas, CLP

12.06.2026, İstanbul

REPUBLIC OF TÜRKİYE MINISTRY OF INDUSTRY AND TECHNOLOGY

#NATIONAL TECHNOLOGY INITIATIVE

COMPETITIVE SECTORS PROGRAMME

TÜBİTAK

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EIC Accelerator Nedir? Ne Değildir?

Bir hibe programı değildir

Bir araştırma geliştirme programı değildir

- **Bir teknoloji ticarileştirme programıdır.**
- **Pazar geliştirme ve ölçekleme için finansal bir araçtır.**
- **Yatırıma hazırlık değerlendirmesi mantığıyla fonlama yapar.**

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“Breakthrough Innovation” yaklaşımı

Kök Neden: Avrupa’nın İnovasyon Paradoksu

Güçlü Bilim
Güçlü Üniversiteler
Güçlü Teknoloji
Güçlü Patent Alanı

Az sayıda scale-up
Yetersiz özel sektör yatırımı
Parçalı pazar yapısı
Zayıf ticarileştirme performansı

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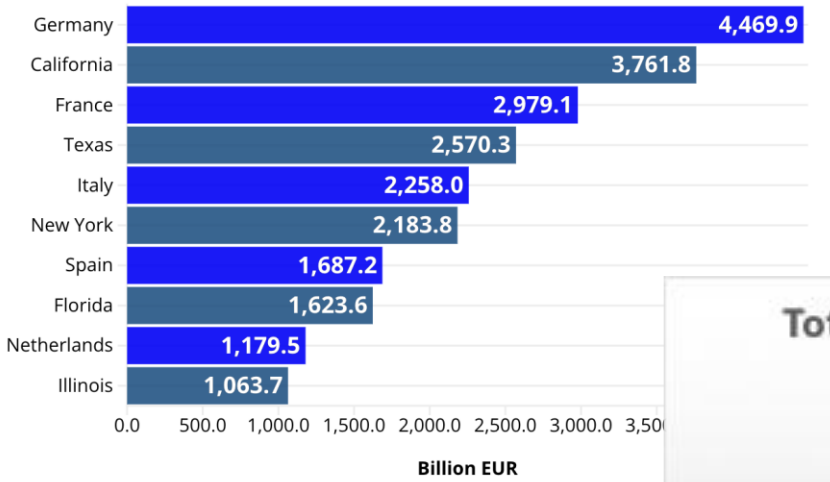
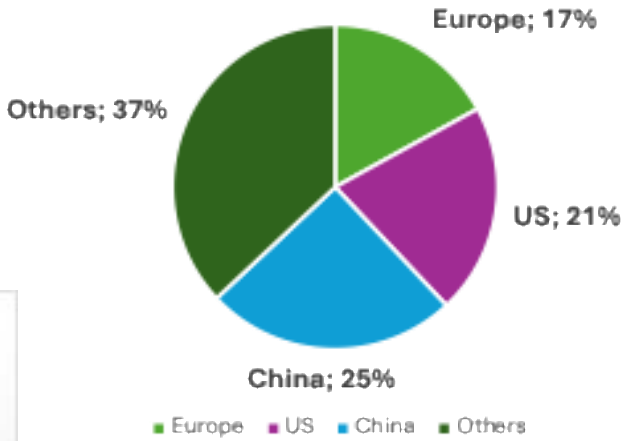
EU's top 5 economies vs. top 5 U.S. states by GDP (2025)



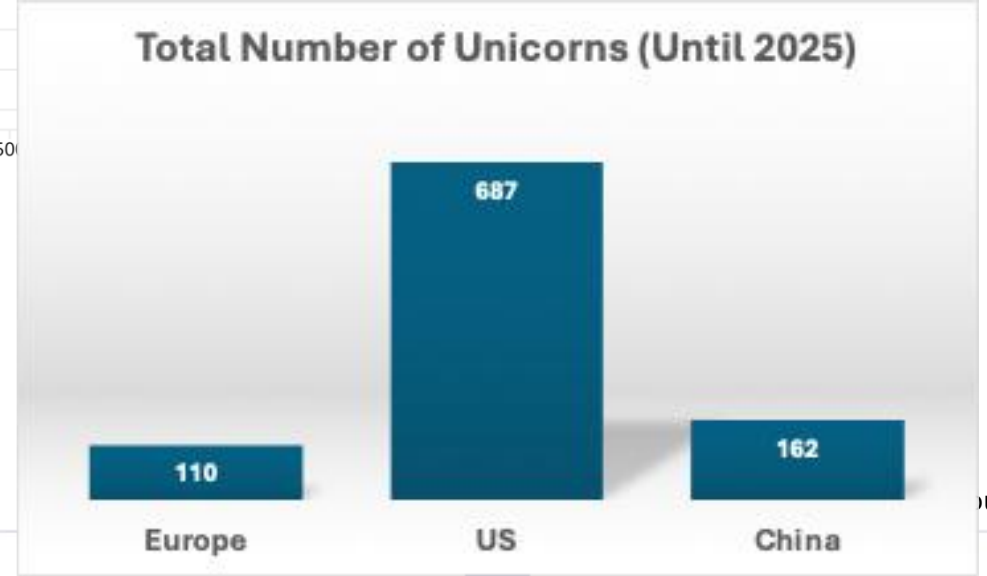
Source: Eurostat and US BEA

Global Patent Applications in 2021



Source: Draghi Report, 2024

Total Number of Unicorns (Until 2025)



Source: Reuters, 2026

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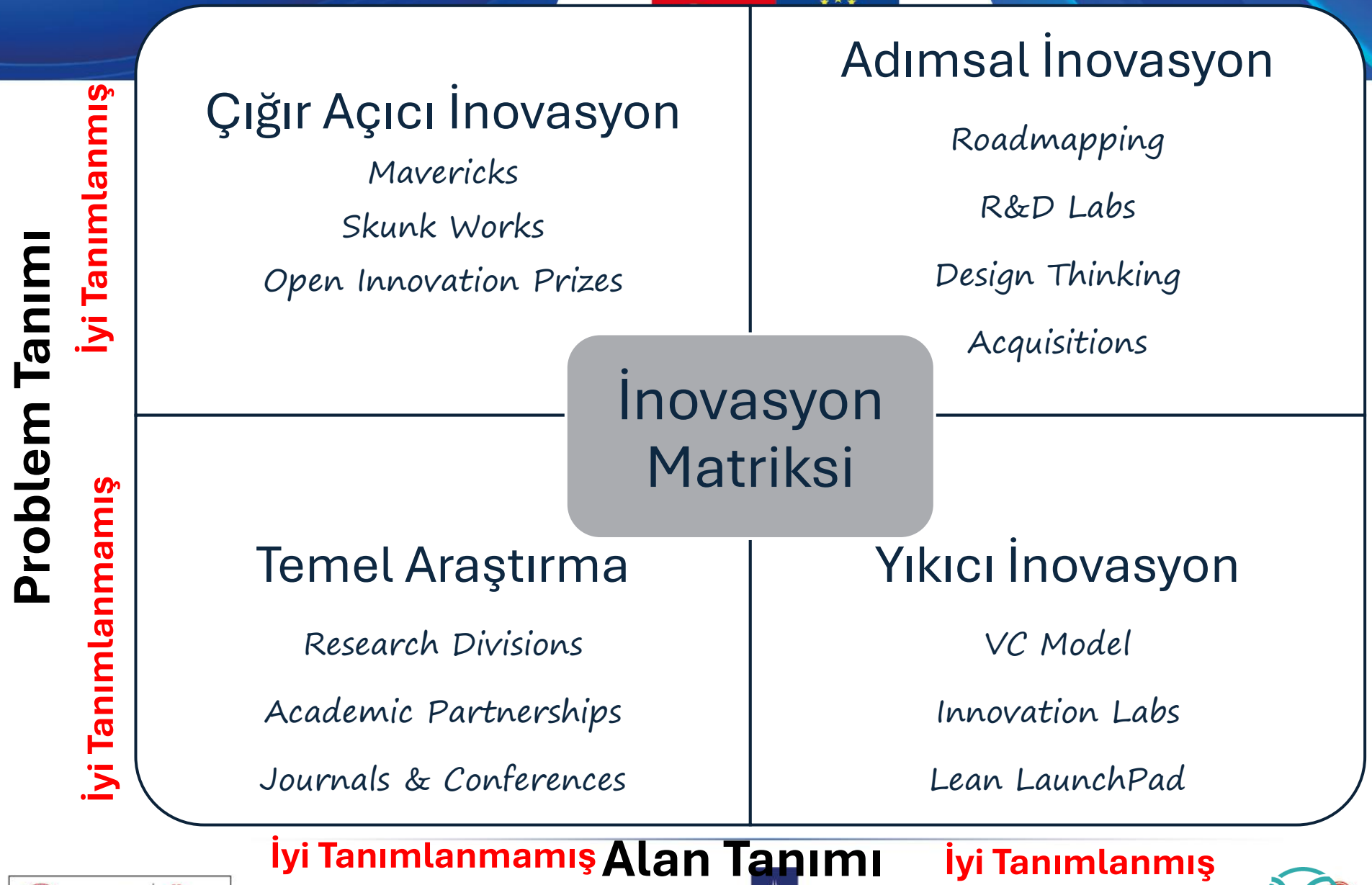
“Breakthrough Innovation” yaklaşımı

Kök Neden: Avrupa’nın İnovasyon Paradoksu

Avrupa’da teknoloji geliştirme, buluş yapma sorunu bulunmuyor.

Avrupa’da ticarileşme ve ölçeklenme sorunu bulunuyor.



Greg Satell, 2017, Mapping Innovation: A Playbook for Navigating a Disruptive Age, McGraw Hill

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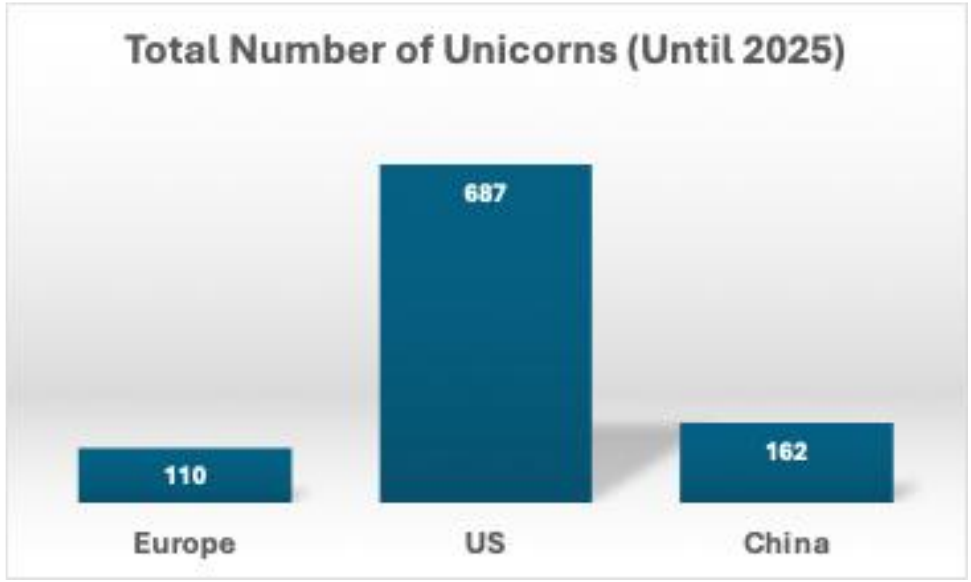
Avrupa’da Start-up’la Scale-up arasında ne ters gidiyor?



2018-2023 yılları arasında AB sınırları içinde Avrupa’da ABD’den daha fazla sayıda start up kuruldu.

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04

Breakthrough Innovation

Problemin çözüm şekli değişir

03

İşleyisi Değistirme

Yeni iş modeli, yeni kullanım şekli

02

İyileştirme

%10 daha hızlı, %15 daha verimli

01

Tersine mühendislik
Kopyalama

Mevcut çözümün aynısı

REKABET!!

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Kilit Soru:

Eğer başarılı olursak hangi sektörü değiştireceğiz?

Vaka Çalışması:

Bataryamız %20 daha yüksek enerji yoğunluğuna sahip

Bataryamız elektrikli araç maliyetini %50 düşürebilir

Bataryamız sayesinde elektrikli araçlarda mevcut batarya mimarisi gereksiz hale gelebilir.

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EIC Accelerator

2026 Challenges

Advanced Materials for Renewable Energy and Energy Storage Systems	€ 50 million
Alternative Concepts and Key Enabling Technologies for Fusion Power Plants	€ 20 million
Biotech for Regenerating Agricultural Soils	€ 50 million
Boosting the European Critical Raw Materials value chain	€ 50 million
Deep Tech for Climate Adaptation	€ 50 million
Indicative call budget	**€ 220 million**

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EIC Accelerator 2026 Challenges

1. Advanced Materials for Renewable Energy and Energy Storage Systems

Yenilenebilir enerji veya enerji depolama sistemlerine yönelik ileri malzemelerin geliştirilme odağı
Söz konusu malzemelerin tasarımı, sentezi, karakterizasyonu, ölçek büyütme (up-scaling) ve üretimi

İleri malzeme tanımı:

- Yeni veya geliştirilmiş özelliklere sahip olan ve/veya
- Belirli ya da iyileştirilmiş bir fonksiyonel performans elde etmek amacıyla hedeflenmiş veya geliştirilmiş yapısal özellikler taşıyan malzemeler.

✓ Hem yeni ortaya çıkan ve ileri üretim teknolojileriyle geliştirilen malzemeler (yüksek teknoloji malzemeler)

✓ Hem de geleneksel malzemelerden üretilmekle birlikte geliştirilmiş özellikler kazandırılmış malzemeler (düşük teknoloji malzemeler)

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EIC Accelerator 2026 Challenges

2. Alternative Concepts and Key Enabling Technologies for Fusion Power Plants

Manyetik füzyon, ataletsel füzyon vb yaklaşımlar, sistem düzeyindeki ve temel bileşen / kritik teknoloji geliştirme

Sınır koşullara dayanacak material geliştirme (Sıcaklık, ısı akışı, plazma akışı, nötron yükü, korozyon, mekanik stress vb)

Yeni lazer teknolojileri

Yeni plazma teknolojileri

İleri dijital teknolojiler

Mıknatıs geliştirme

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EIC Accelerator 2026 Challenges

3. Biotech for Regenerating Agricultural Soils

- Biyolojik İyileştirme Teknolojileri (Bioremediation)
- Toprak ve Toprak Mikrobiyomu Yönetim Teknolojileri
- Yenilenebilir Gübreler ve Biyostimülanlar

Yapay zeka, dijital araçlar ve sensörler gibi izleme teknolojilerinin kullanılma odağı

Tüm projelerin, çevresel, sosyal ve ekonomik boyutları dikkate alan bir Yaşam Döngüsü Değerlendirmesi (Life Cycle Assessment – LCA) sunma zorunluluğu

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EIC Accelerator 2026 Challenges

4. Boosting the European Critical Raw Materials value chain

- Kritik ve stratejik hammaddelere yönelik fırsatlar (hassas sondaj teknolojileri, uzaktan algılama, yapay zeka ve büyük veri kulanımını içeren yeniden değerlendirme/kazandırma teknolojileri vb
- Kritik ve stratejik hammaddelerin birincil kaynaklardan elde edilmesi amacıyla gerçekleştirilen madencilik, işleme ve metalurjik rafinasyon teknolojileri
- Kullanım ömrünü tamamlamış ürünlerin geri dönüştürülmesi yoluyla kritik ve stratejik hammaddelerin ikincil kaynaklardan geri kazanılmasına yönelik teknolojiler

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EIC Accelerator 2026 Challenges

5. Deep Tech for Climate Adaptation

- Kentsel alanlarda aşırı sıcaklıklarla mücadele
- İklim Akıllı Tarım
- Susuzlukla mücadele
- Sel ve kıyı koruma teknolojileri

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Süreç Nasıl İşliyor?

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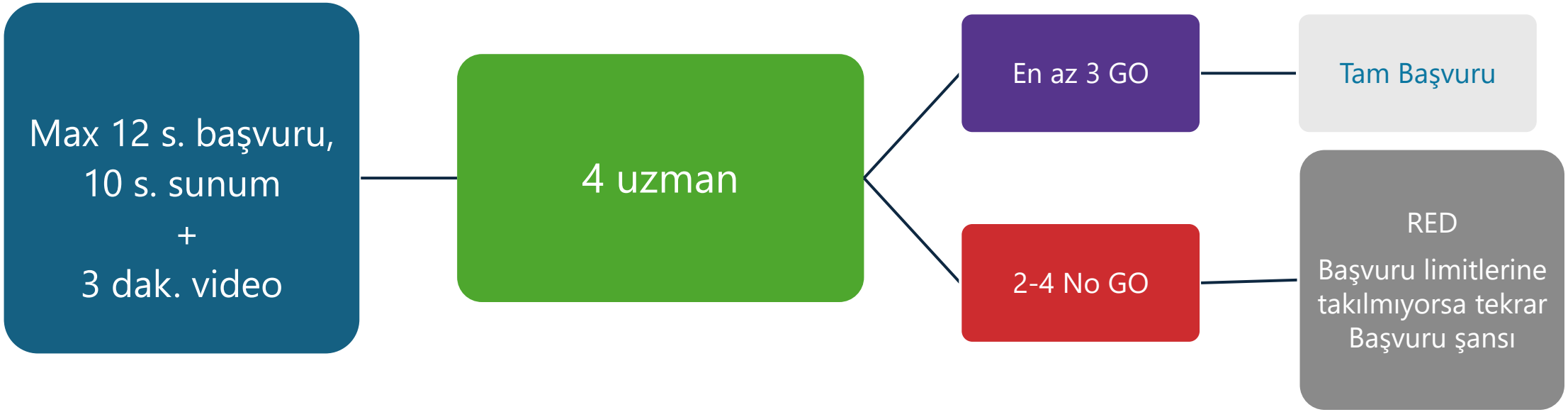
Kısa Başvuru Süreci



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Tam Başvuru Süreci

20 s Başvuru Dokümanı

Yatırımcı Sunumu (slayt sınırı yok – maks. 10 dak.)

3 dak. Video

Lump sum, Finansal Plan and

Uygulama Planı

Teknoloji Uzmanı Bireysel Değerlendirme

+

Başvuru Sahibi, Teknoloji Uzmanı ve EISMEA Moderatörü ile Mülakat

Rapor

+

Puan

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Tam Başvuru Süreci – Ana Değişiklikler

- Yıl boyunca daha fazla değerlendirme döngüsü – **6 döngü** / yıl
- Daha fazla mülakat – **3 seans** / yıl
- **Daha kısa** başvuru dokümanı maks. 20 sayfa – daha odaklı hale getirilmiş soru seti
- **Teknoloji uzmanı –** online görüşme ve detaylı teknik değerlendirme, **3 hakemlik değerlendirme paneline** uzman görüşü sunma.

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Tam Başvuru Dokümanları

TO BE INCLUDED

- ✓ Narrative of the proposal organised around a questionnaire of maximum 20 pages
- ✓ Implementation plan (for grant only+ blended)
- ✓ Lump sum budget table (for grant only+ blended)
- ✓ Financial plan
- ✓ FTO analysis
- ✓ LOIs (specific template)
- ✓ Pitch Deck (no page limit but 10-minute max duration at interview)
- ✓ 3-minute video

NO LONGER NEEDED

- x Data Management Plan
- x 10 pages of optional extra information,
- x CVs annexed (only links within the proposal)
- x Ownership and control declaration (only for grant only in CRM challenge)

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Tam Başvuru Tarihleri

01 — 07.01.2026

02 — 04.03.2026

03 — 06.05.2026

04 — 08.07.2026

05 — 02.09.2026

06 — 04.11.2026

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Teknoloji Uzmanı Görüşmesi

Başvuru Sahibi

En fazla 3 ekip üyesi ile katılabilir, danışmanlara izin verilmez
Prototip / demo gösterimi yapabilir

Teknoloji Uzmanı

Değerlendirme paneline destek sağlamak üzere, sunulan teknik iddiaların doğruluğunu teyit eder, bunları bağımsız üçüncü taraf kaynaklarla çapraz kontrol eder ve teknolojinin teknik ve ticari uygulanabilirliğini değerlendirir.

Zamanlama

Her döngü / grup için aynı hafta yapılır

1 saatlik Webex görüşmeleri

EISMEA

Sürecin adil ve dengeli, eşit yürütülmesi için moderasyonu ve kalite kontrolünü sağlar.

Görüşme sonrası

Teknoloji uzmanı görüşme sonrasında da araştırma yapabilir

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Teknoloji Uzmanı Görüşme Tarihleri

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Değerlendirme Paneli

En az 3 hakemden oluşan Değerlendirme Paneli Teknoloji Uzmanının geribildirimini alarak başvuruları değerlendirir ve nihai kararı verir, puanlamayı içeren raporu hazırlar.

Sıralama (Liste)

Toplam hibe miktarının 2.5 katı kadar başvuru sahibi mülakata çağrılır

Reddedilen başvuru sahiplerine ESR gönderilir

(13/15 alan başvurulara SoE/STEP mührü verilir)

Her gruba 8-9 hafta içinde bilgi verilir

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Örnek Sıralama Listeleri ve Mülakat Daveti

Sıralama
(1. grup)

Sıralama
(2. grup)

Mülakata Davet
(Mart'ın başı)

Mülakata Davet
(Nisan'ın sonu)

Mülakat Seansları 1
Mayıs 2026

Yılda 3 mülakat seansı -
Her 2 başvuru grubu sonrası 1 mülakat seansı

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Çıkar Çatışması

- EIC hakemleri ve uzmanları CoI / Tarafsızlık ve Gizlilik Sözleşmesi imzalayarak süreçte yer alırlar.
- Teknoloji uzmanlarının ve değerlendirme panel üyelerinin isimleri EIC web sitesinde yayınlanır.
- Başvuru sahipleri değerlendirmede görev almasını istemedikleri 3 uzmanın ismini belirtebilirler.

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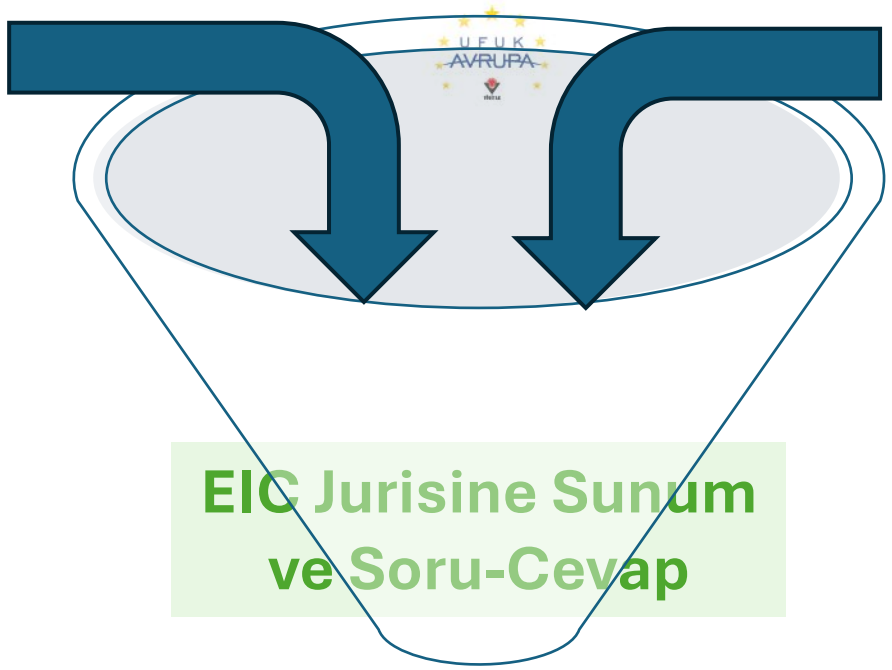
EIC Jürisi ile Mülakat Süreci

Tam Başvuru



Değerlendirme Paneli Raporu

GO

+ STEP mührü (EIC Challenges için)

NO GO

+ SoE
+STEP mührü (EIC Challenges için)

4 – 6 jüri üyesi - Brüksel fiziksel mülakat – 3 mülakat seansı / yıl

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Yeniden Başvuru Koşulları

Aynı tüzel kişi tarafından EIC Accelerator Open veya Challenges çağrılarına sunulan bir teklifin üç kez başarısız olması durumunda (Short veya Full Proposal) Horizon Europe döneminde EIC Accelerator programına tekrar başvuru yapılamaz.

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Başvuruda Neler İsteniyor?

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Technology – Excellence (red for full proposal only)

Topic	Submission question	Evaluation sub-criteria
Innovation Assessment – Novelty and breakthrough nature	Is your proposed innovation deep tech in nature stemming from cutting-edge scientific or technological advances? Does it represent a significant improvement in cost or performance compared to existing or alternative solutions? *Please describe how your innovation is deep-tech. Please describe the novelty and disruptive potential of your technology vs existing solutions.*	Is the proposed innovation deep tech in nature stemming from cutting-edge scientific or technological advances; does it represent a significant improvement in cost or performance compared to existing or alternative solutions?
Technology Maturity – TRL	Is there sufficient demonstration that your innovation has completed all aspects of TRL 5 (validation in a relevant environment for the application of the technology)? *Please provide evidence which proves that the elements of TRL 5 have been achieved*	Is there sufficient demonstration that the innovation has completed all aspects of TRL 5 (validation in a relevant environment for the application of the technology)?
IP	Does your innovation have adequate IP protection? What is your intellectual property strategy to enter the market to be addressed? *Please describe it in terms of patents (granted or pending) and FTO status*	Does the innovation have adequate IP protection and a sound IP strategy to enter the market to be addressed?

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Technology – Excellence

Innovation Assessment
Novelty and breakthrough nature

Technology Maturity – TRL

IP

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Market – Impact (**red** for full proposal only)

Topic	Submission question	Evaluation sub-criteria
Market Opportunity	What and how big is the total market to be addressed by your innovation? What is the realistic expectation of the share of the total market you plan to achieve? *Please describe your go-to-market and commercialisation strategy to scale-up your innovation.*	What and how big is the total market addressed? What is the realistic expectation of the share of the total market?
Business and Revenue model and growth strategy	Which are your detailed business model and revenue strategy? Which are your financial projections? *Please describe the assumptions behind your business model and how you will achieve your planned revenues*	Are the detailed business model and revenue strategy sound? Are the financial projections realistic?
Broader impact	Will your innovation contribute to European technological leadership and/or reduce dependencies on other regions? Will your innovation have broader environmental or social impacts? *Clarify how it reduces dependency on non-EU sources for critical technologies or raw materials*	Will the proposed innovation contribute to European technological leadership and/or reduce dependencies on other regions? Will the innovation have broader environmental or social impacts?

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Market – Impact (**red** for full proposal only)

Topic	Submission question	Evaluation sub-criteria
Challenge Alignment (ONLY FOR CHALLENGES)	How will your innovation contribute to achieve the objectives of the Challenge to which you are applying?	Does the innovation contribute to the expected Challenge outcomes?
STEP Impact (ONLY FOR CHALLENGES WITHIN SCOPE OF STEP)	Will your innovation have a clear and measurable impact on the technology areas identified by the STEP Communication, either by: - Bringing to the Union's internal market an innovative, emerging and current-edge innovation with significant economic potential; or - Reducing or preventing strategic dependencies of the Union. (Note: applicants from Associated Countries will need to demonstrate contributions to the EU internal market or strategic dependencies). *Which metrics will you use to measure such impact?*	Does the innovation have a clear and measurable positive impact either by: Bringing to the Union's internal market an innovative, emerging and current-edge innovation with significant economic potential; or Reducing or preventing strategic dependencies of the Union

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Hikaye Anlatıcılığı

Vaka: Kestirimci Bakım

Geliştirdiğimiz yapay zeka modeliyle makine arızalarını tahmin ediyoruz.

Modelin her sektöre uygulanabilirliği var.

Bu sayede tüm sektörlere kısa sürede yayılarak hızlı bir Rol'a ulaşacağız.

Modelimiz üstün performansa sahip olduğu için rakibimiz bulunmuyor

Değer Önerisi ne?

Avrupa açısından önemi ne?

Pazara giriş ve ölçeklenme stratejileri ne?

Hangi sektör? Neden? Nasıl?

Anlamlı, yapılmaya değer ve gerçekçi mi?

Faaliyet serbestliğiniz var mı?

Fikri mülkiyet stratejiniz? Teknoloji nasıl korunuyor?

Rekabet stratejiniz nasıl?

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European Commission | Str

European Commission |

EN

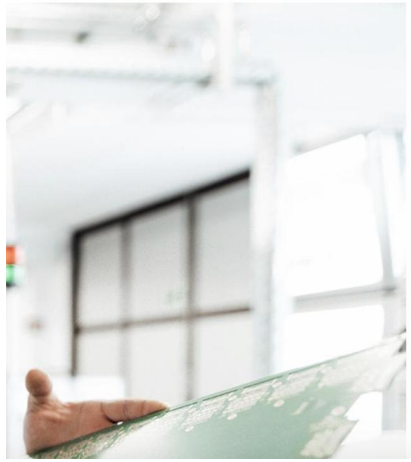
Resources | Europe and you

The European Commission has put forward **the European technological sovereignty package, a set of measures to strengthen** the EU's **capacity in semiconductors, artificial intelligence (AI), cloud and open source**. It will help Europe become a leader in AI, strengthen its digital autonomy, and help build a more sustainable digital future.

The package focuses on four key areas

- securing the semiconductor base for Europe's AI ambition – the **chips act 2.0** will help build capacity in cutting-edge semiconductor technologies, boost supply and demand, and support investment
- unlocking the potential of Europe's cloud and AI capacity – the **cloud and AI development act** will support research and innovation in cutting-edge and sustainable technologies, streamline conditions for deploying datacentres across the EU, and introduce a single EU-wide framework to assess cloud and AI sovereignty
- strengthening digital autonomy through open source – the **open source strategy** will scale up open source alternatives in priority areas, invest in skills, start-ups and digital infrastructure, and support greater use of open source in public administrations
- digitalising Europe's energy system, while ensuring sustainable digitalisation – the **strategic roadmap for digitalisation and AI in the energy sector** will ensure data centres are integrated into our energy system, accelerate the deployment of digital and AI solutions, and build sovereign and secure AI models for the energy sector

tech sovereignty



Notes:
y-axis,
x-axis
closely
techn

Source

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Implementation and Need for Union support (red for full proposal only)

Topic	Submission question	Evaluation sub-criteria
Team Capability	Does your company have the necessary team in terms of skills and competences to develop the innovation and scale the company? How is the governance of you company and how is your team incentivised? Which are your company's current skills/competence gaps, including adequate gender balance? Which is your plan to fill the gaps? *Please describe who are the key team members, what are their relevant competencies and how are they incentivised (e.g.: ESOP plan).* *Please describe how the company is governed and how you take decisions.* *Please include any critical gaps (including gender balance) and how they will be filled.*	Does the company have the necessary team in terms of skills and competences to develop the innovation and scale the company? Does the company have adequate governance and is the team sufficiently incentivised? Have any skills/ competence gaps been identified, including adequate gender balance, with a credible plan to fill the gaps?"
Risk level of the investment and leverage effect	Has your company demonstrated early traction with investors? Is the financing requirement to be internationally competitive significantly higher than the amount that market actors can finance alone? FOR BLENDED FINANCE AND EQUITY ONLY: will the EIC Fund investment be able to catalyse other public and private investments with a period of 6 months to 2 years? FOR GRANT-ONLY: Can you demonstrate access to the resources needed to commercialise and scale-up the innovation? Can you company demonstrate the need for EIC grant support? *Please describe your traction with investors and detail the timing and size of your future financing round.* *Please explain why you need EIC funding. And why market actors will not commit to fund the full amount of the funding you need.* FOR GRANT ONLY: please describe how you will commercialise and scale-up the innovation	Has the company demonstrated early traction with investors? Is the financing requirement significantly higher than the amount that market actors can finance alone? FOR BLENDED FINANCE AND EQUITY ONLY: will the EIC Fund investment be able to catalyse other public and private investments with a period of 6 months to 2 years? FOR GRANT ONLY: Can the applicant demonstrate access to the resources needed to commercialise and scale-up the innovation? Can the company demonstrate the need for EIC grant support?

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Implementation and Need for Union support (red for full proposal only

Topic	Submission question	Evaluation sub-criteria
Risk Management	What are the main risks (technological, market, financial, regulatory) which may impact the success of your project? Which are your planned measures to mitigate them? *Please indicate any technological, market, financial and regulatory risks and how you plan to mitigate them.* *Please describe how your innovation is compliant with industry standards and how you are taking into account future regulations.*	Have the main risks (technological, market, financial, regulatory) been comprehensively identified, together with specific measures to mitigate them?
Implementation Plan	FOR GRANT ONLY AND BLENDED FINANCE PROPOSALS ONLY *Please fill in:* *- Template with description of work packages and deliverables, including milestones, resources and timings.*	FOR GRANT ONLY AND BLENDED FINANCE PROPOSALS ONLY Is there a clear implementation plan with defined milestones, work packages and deliverables, together with realistic resources and timings? Are the milestones measurable and appropriate for tracking progress? LUMP-SUM: Are the estimated costs in the work packages reasonable and non-excessive?

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Finansal Vizyon ve Accelerator Sonrası

€29 billion of EU funding mobilised to drive EU competitiveness: The Strategic Technologies for Europe Platform turns 2!

The Strategic Technologies for Europe Platform (STEP) celebrates its second anniversary with record achievements for the development and manufacturing of critical technologies in Europe.

PRESS RELEASE

30 March 2026 — Directorate-General for Budget — 4 min read

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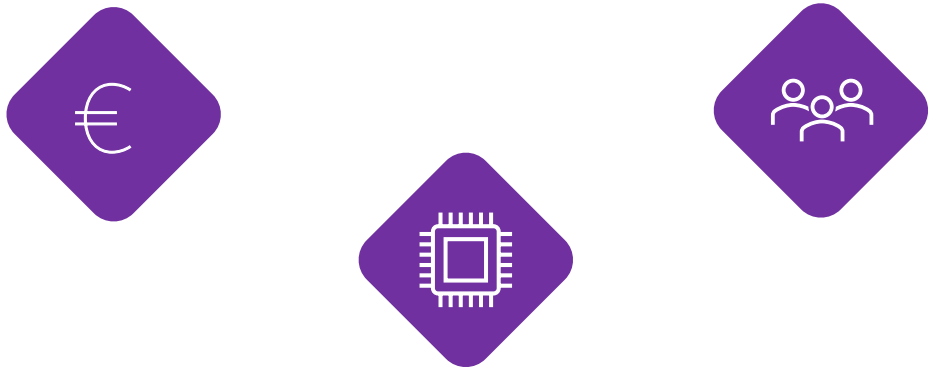
Strategic Technologies for Europe Platform (STEP) Mekanizması

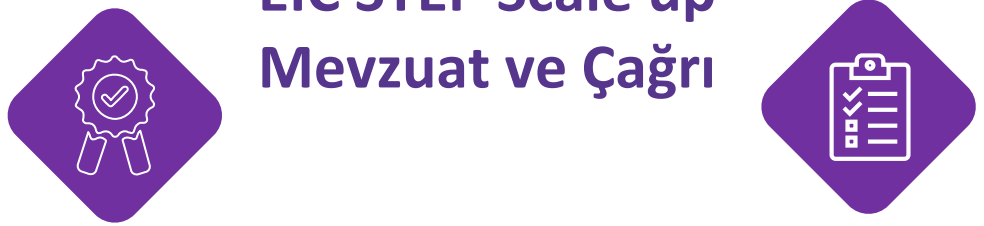
- **€300m bütçe** (2026), €900m hedefi (2025-27)
- **Sadece Hisse Tabanlı** destek
- **Daha büyük yatırım tutarı** (EUR 10m-30m)
- **€50-150m'luk** yatırım turlarını hızlandırma amacı



- Tek bir nitelikli yatırımcıdan en az **%20 oranında ön taahhüt (pre-commitment)** şartı
- **Invest EU Venture Debt** aracına erişimde kolaylık

STEP Sovereignty Mührü (koşullar sağlanırsa)

EIC STEP Scale up Mevzuat ve Çağrı



Değerlendirme ve Ödül kriterleri özel STEP şartlarını içerir

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	Accelerator Open	Accelerator Challenges
Total budget	€414 million	€220 million
Proposals (indicative)	Up to €2.5 million grant + up to €10 million equity	
Funding rate	70% of eligible costs	70% of eligible costs
Opening	6 November 2025	
Deadlines	7 January 2026 at 17.00 CET 4 March 2026 at 17.00 CET 6 May 2026 at 17.00 CET 8 July 2026 at 17.00 CET 2 September 2026 at 17.00 CET 4 November 2026 at 17.00 CET	
Application process	Short proposal + full proposal + interview	
Applicants	Single company (SME or mid-cup) in MS/AS One or more natural persons from MS/AS	

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Kısa Yoldan Nasıl Gideriz?

İki Stratejik Öneri

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innovation-radar.ec.europa.eu

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Innovation Radar Prize 2025

The 11th edition of the Innovation Radar Prize took place o Lisbon. This celebration of ambitious EU-funded innovato the leap from the lab to the marketplace saw 12 EU-funde compete in 3 categories: 'Climate, Energy & Mobility'; 'AI & Intelligence'; and, 'Smart Hardware & Robotics'.

Read about the winners here.

The 2025 edition of the Innovation Radar Prize was organi Innovation Radar Bridge initiative (that includes Dealflow. EU Startups) and in partnership with Unicorn Factory Lisbo

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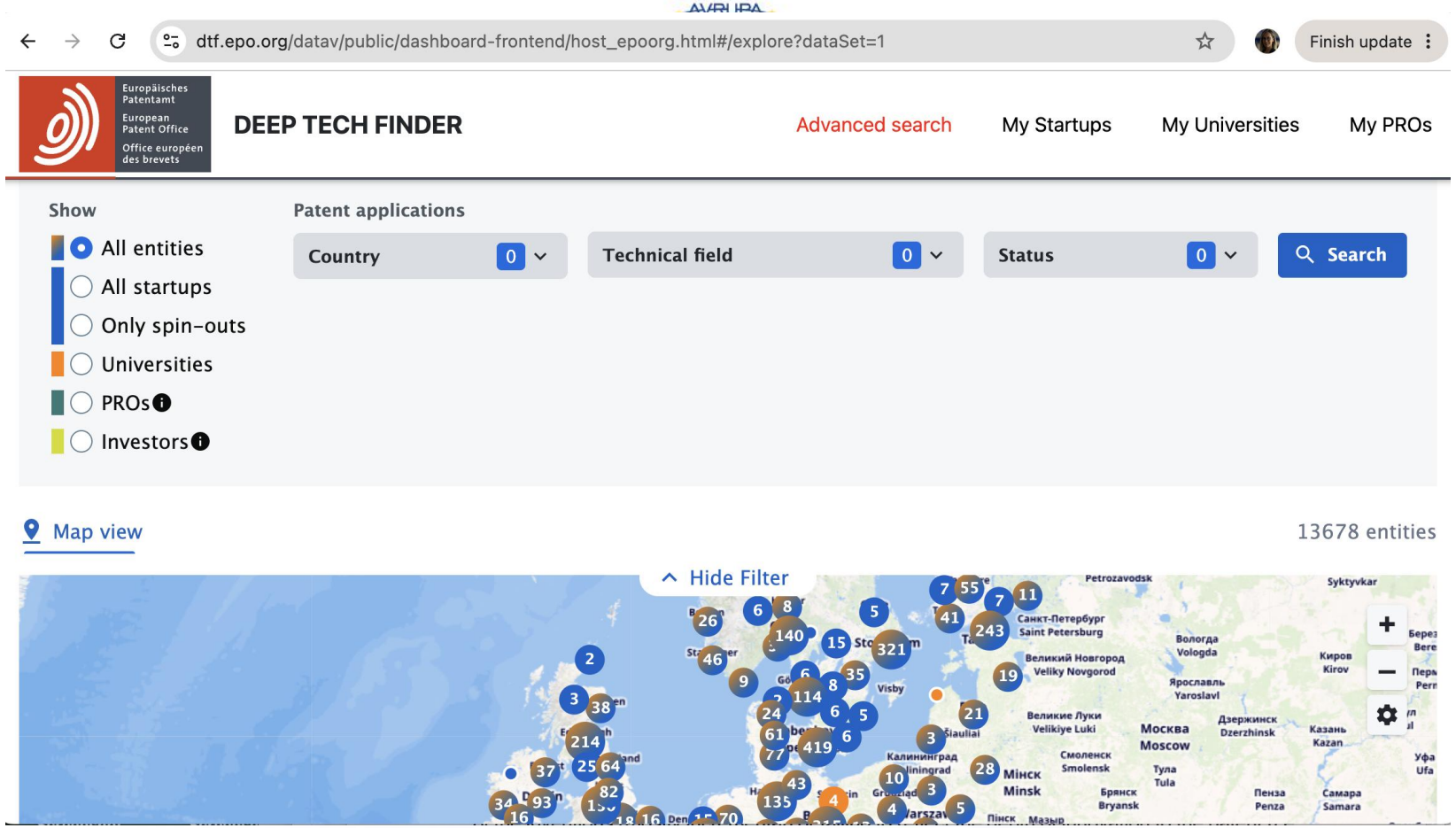

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Tips for EIC Accelerator Short Application

Dr. Sanem Yalcintas, CLP

12.06.2026, Istanbul

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Kısa Başvuruda Temel Hedef

Bu gerçekten çığır açıcı inovasyon mu?

Bu şirket bu teknolojiyi ticarileştirebilecek kapasitede mi?

Bu fırsat EIC seviyesinde (Avrupa ölçeğinde) bir etki yaratabilir mi?

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Hatırlayalım

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Kısa Başvuru Süreci: Yenilikler

- Yeni daha yalın bir Part A
- **Basitleştirilmiş Part B başvuru dokümanı**: Başvuru sahiplerinin inovasyonu daha kanıt tabanlı gerçek uygulamaya dayanacak şekilde sunmalarını sağlayan 11 → 6 ana soru bölümü.
- IP stratejisi veriliyor, FtO uzun başvuruya aktarılmış durumda
- Değerlendirme setiyle bire bir uyum

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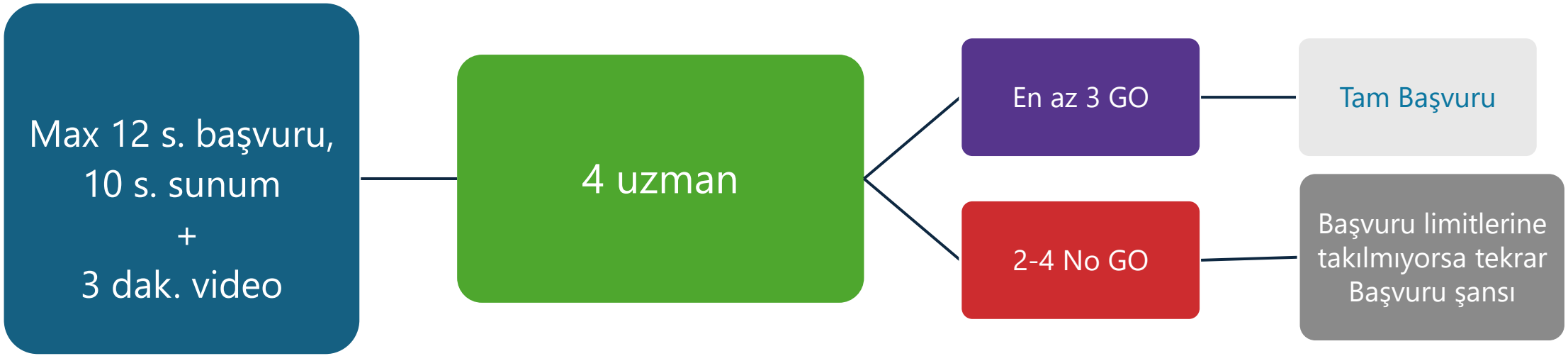
Kısa Başvuru Süreci



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Nereden Başlamalı?

The Heilmeier Catechism

1. What are you trying to do? Articulate your objectives using absolutely no jargon.
2. How is it done today, and what are the limits of current practice?
3. What is new in your approach and why do you think it will be successful?
4. Who cares? If you are successful, what difference will it make?
5. What are the risks?
6. How much will it cost?
7. How long will it take?
8. What are the mid-term and final “exams” to check for success?

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Avrupa Öncelikleri ile Büyük Resim

- Dirençlilik: Çin'e bağımlı kritik hammaddeler
- Teknoloji egemenliği: AI, yarı iletkenler, biyoteknoloji
- Sürdürülebilirlik: Net-sıfır hedefi
- Sektörler: Enerji, çip, ilaç, yeni hammadde / hammadde gerikazanımı
- Küresel Eğilimler / Regülasyonlar / Standartlar

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Sık Yapılan Hatalar

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EIC Accelerator Kimliğini Yanlış Yorumlamak

Bir hibe programı değildir

Bir araştırma geliştirme programı değildir

- **Bir teknoloji ticarileştirme programıdır.**
- **Pazar geliştirme ve ölçekleme için finansal bir araçtır.**
- **Yatırıma hazırlık değerlendirmesi mantığıyla fonlama yapar.**

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Pozisyonla(yama)mak...

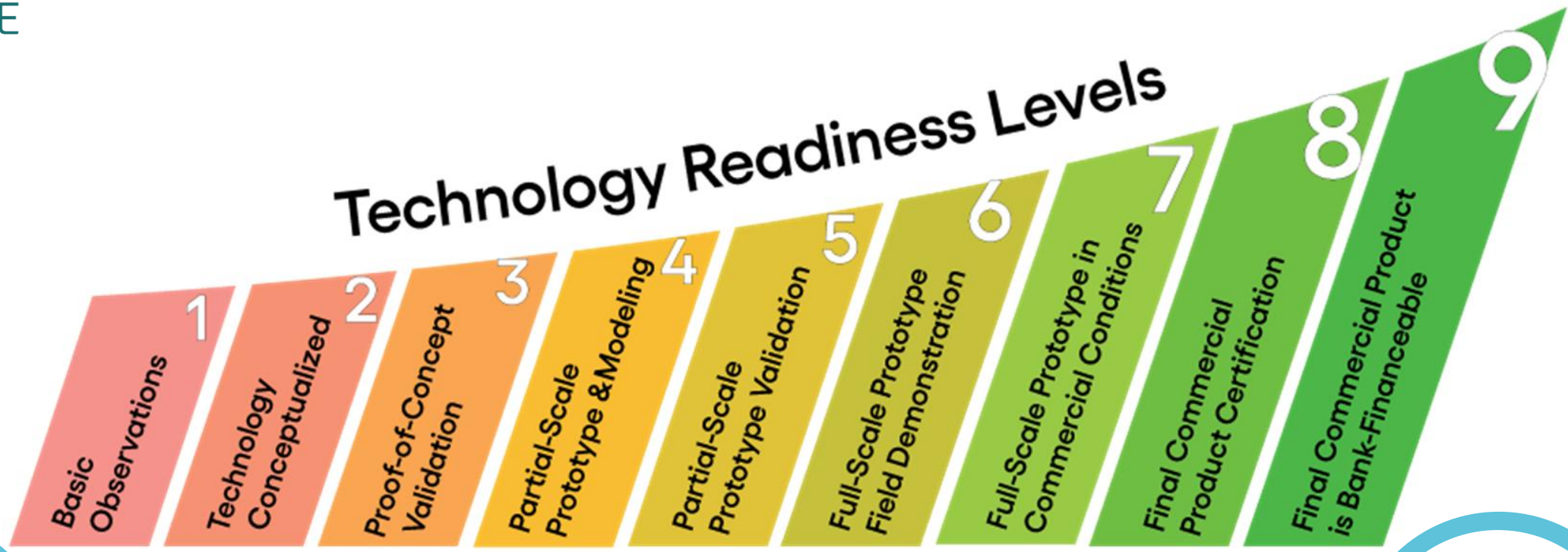
Vaka:

Bataryamız %20 daha yüksek enerji yoğunluğuna sahip

Bataryamız elektrikli araç maliyetini %50 düşürebilir

Bataryamız sayesinde elektrikli araçlarda mevcut batarya mimarisi gereksiz hale gelebilir.

CATALYSADE



RESEARCH

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Teknoloji Hazırlık Seviyeleri – odak alan üzerine örnekler

- Bir ürün
- Bir endüstriyel proses
- Bir yazılım
- Bir tıbbi cihaz
- Bir ilaç

What is your solution?	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
A Product that is manufactured	Analytical studies on separate elements of the technology. Laboratory based trials that show the feasibility of the predictions.	Basic technological components integrated together to show that they work together. At this point durability is not yet important.	Basic technological components integrated within realistic context under a fully controlled environment in or outside the lab.	A functional version of the product working on a realistic environment able to draw conclusions on the technical and operational capabilities of the product.	A manufacturable version of the product working on an environment which addresses all the operational requirements for the product.	Product in its final form working in full mode under expected conditions and periods.	Product in its final form under full commercial deployment.
Examples to be inspired	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/40791	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/17922	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/36717	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/45798	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/44882	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/46649	
An industrial process	Laboratory experiments are designed to verify that the conceptual process works as expected.	Process components are validated indivually and could be integrated in an ad hoc manner at lab scale.	Integrated validation of the process to produce small outputs or short batches of the end product.	Development of a pilot-scale testing plant or unit (1/100th of commercial scale) including engineering-scale equivalents of all the operations that will be required at scale.	Successful demonstration of the continuous operation of the pilot plant/unit during a relevant time-frame.	Demonstration plant is constructed (1/10th of commercial scale) and operated in continuous mode, including working outside normal parameters.	Commercial plant/unit set up and running for full range of operating conditions.
Examples to be inspired	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/46634	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/16108	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/46949	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/35244	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/19304	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/23809	

What is your solution?	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
A software	Initial script & functions to solve the desired problem.	Alpha version of the software tested internally (both functionalities and process) by the development team.	Alpha version of the software functionalities tested by outsiders of the development team.	Beta version of the software functionalities tested by selected end-user under a control mode.	Beta version of the software functionalities widely open to end-users.	Stable version of the software available for the market.	Stable version of the software available for the market in full business plan conditions.
Examples to be inspired	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/45690	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/25797	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/16901	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/45251	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/45209	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/47288	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/47123
A medical device	Initial proof of concept demonstrated with a limited number of in vitro & in vivo trials including the expected device characteristics.	Proof of concept and safety of the device is demonstrated in vitro, ex vivo or in vivo conditions (non-GMP, Good Manufacturing Practice). System components integrated and tested regarding preliminary efficiency and reliability.	Pre-clinical studies including GLP (good laboratory practice) animal safety & toxicity. GMP manufacturing process and quality controls identifed. Classification of the device by appropiated regulatory body established. Accreditation when appropriate initiated.	Medical device prototype demonstrated in operational environment. Clinical testing and safety demonstrated. Required accreditation in progress.	Medical device final product design is validated. Final prototypes intended for commercialization use produced and tested. When applicable, accreditation completed.	Manufacturing process validated. Pre-market application submitted and approved for medical device. Device demostrated in real life conditions, support structure in place for technical problems.	Medical device ready to be acquired by the clients and end users.
Examples to be inspired	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/25324	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/22901	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/29686	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/31759	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/23113	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/14297	

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What is your solution?	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
A drug	Initial proof of concept demonstrated with a limited number of in vitro & in vivo models.	Proof of concept and safety of the candidate is demonstrated in a laboratory or animal model.	Pre-clinical studies including GLP animal safety & toxicity to support the Investigational New Drug (IND) application or similar EU process.	Phase 1 clinical trials completed to proceed with Phase 2 clinical trials. If it is the case, Investigational New Drug application submitted and reviewed.	Phase 2 clinical trial completed & Phase 3 plan is approved.	Phase 3 clinical trial completed. Regulatory body approves IND application.	Drug available for the market.
Examples to be inspired	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/23578	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/39156	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/39328	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/42683	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform/14457	https://www.pace-h2020.eu/	

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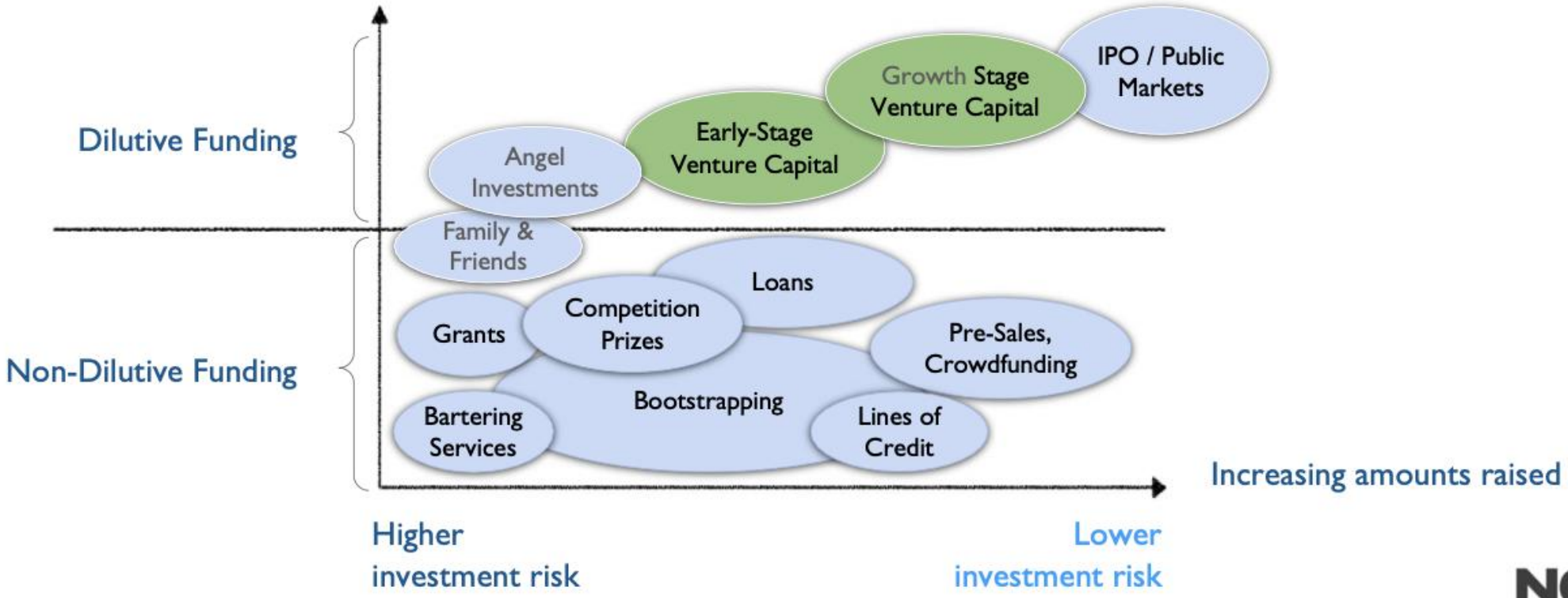
Ne kadar para istemeliyim?



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Video ve Yatırımcı Sunumu

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