



**TÜBİTAK Uluslararası İşbirliği Daire Başkanlığı**  
**AB Çerçeve Programları Müdürlüğü**

**Ufuk Avrupa Programı**  
**Küme 4: Dijital, Endüstri ve Uzay**  
**Ortaklıkları**

**Dr. Özlem GEZİCİ KOÇ**  
**Bilimsel Programlar Başuzmanı**





## New Horizons

Securing Europe's technological sovereignty through Photonics

**Photonics – a key digital technology for global mega markets and challenges**

-  **Live longer, feel better** – Photonics in life sciences and healthcare
-  **Feed the world** – Photonics for safe, nutritious and affordable food
-  **Keep our traffic flowing** – Photonics for autonomous & connected mobility
-  **Zero emission, less waste** – Photonics for sustainability and a clean environment
-  **Empowering Industry 4.0** – Photonics in manufacturing and production
-  **A new quality of urban life** – Photonics for smart homes and liveable cities
-  **Building our digital society** – Photonics for a secure and resilient IT infrastructure
-  **Linking big ideas** – Photonics as a driver of the digital knowledge society

 PHOTONICS<sup>21</sup>



 PHOTONICS<sup>21</sup>

PHOTONICS PUBLIC PRIVATE PARTNERSHIP

**Photonics Ortaklığı**, **Ufuk Avrupa** Programında kurulan bir «Ortak Programlama» (Co-programmed) ortaklığıdır.

Ana hedefler arasında fotonik teknolojilerinin geliştirilmesi ve bu teknolojilerin çeşitli sektörlerde hızla yayılması yer alır.

**Photonics21**, AB Komisyonu ile Kamu-Özel Ortaklığı'nın özel tarafını temsil etmektedir.



- HORIZON-CL4-2023-DIGITAL-EMERGING-01-51: **Pervasive photonics - multi-technology integration for digital infrastructure, sensors and internet of things** (Photonics partnership)(RIA)
- HORIZON-CL4-2023-DIGITAL-EMERGING-01-53: **Versatile light sources and systems as tools for manufacturing and medical application** (Photonics Partnership) (RIA)
- HORIZON-CL4-2023-DIGITAL-EMERGING-01-57: **Advanced imaging and sensing technologies** (IA)(Photonics Partnership)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-54: **Smart photonics for joint communication & sensing and access everywhere** (Photonics Partnership) (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-55: **Photonics Innovation Factory for Europe** (Photonics Partnership) (IA)

## I'm new to Photonics21

Register  
for  
FREE!

Create a membership account and join our community for exclusive events, networking opportunities and downloads. Registration is free of charge.

<https://www.photonics21.org/membership/#register>

☆ What are your pronouns?

Please choose...

☆ Forename

### Join our workgroups!

(Please mark at least one – Max. 3 are possible)

☐

WG 1:  
Digital Infrastructure

☐

WG 2:  
Manufacturing

☐

WG 3:  
Health

☐

WG 4:  
Climate, Mobility & Energy

☐

WG 5:  
Safety, Security, Space & Defense

☐

WG 6:  
Agriculture & Food

☒

WG 7: Core Photonics

☐ I agree that Photonics21 regularly sends me the Photonics21 newsletter which provides information about photonics news and events in Europe.



# Shape the future of photonics in Europe!

## Photonics Partnership Annual Meeting 2024

14 – 15 May 2024

DoubleTree by Hilton Brussels City Hotel



PHOTONICS PUBLIC PRIVATE PARTNERSHIP



### Why attend

- Be part of a high-level panel discussion "Quo Vadis Photonics?"
- Get information on funding opportunities in other European partnerships or initiatives
- Learn about the economic performance of photonics on a global scale
- Network and develop new ideas for future Photonics R&I projects

### Register now!

Early bird rates and sponsoring opportunities available at [www.photonics21.org](http://www.photonics21.org)

### Registration fee:

Early Bird: (Until 2 April 2024) €200 (Students €100) VAT 21% included

Regular: (After 2 April 2024) €260 (Students €130) VAT 21% included



ECSEL JU

2014-2020

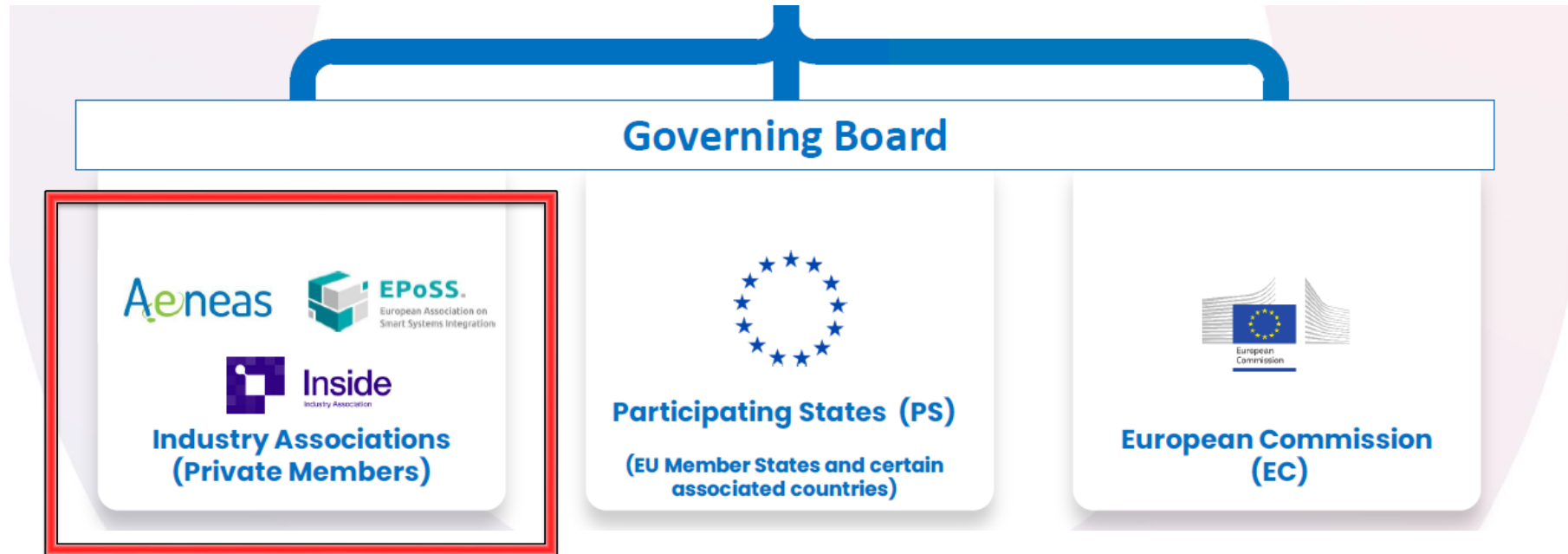


2021-2023



Present

Chips Ortak Girişimi Avrupa **yarı iletken teknolojisi** ekosistemindeki araştırma, geliştirme ve imalat kapasitesini destekleyen bir **kamu-özel ortaklığı** olma özelliğini taşımakta olup KDT Ortak Girişimi'nin **elektronik bileşenler ve sistemler** hakkında devam eden faaliyetlerini aynı şekilde desteklemeyi sürdürmektedir.





Shape

- Industry Associations **shaped the Chips JU** with the European Commission, the European Parliament, and the Council of the European Union (Member States)

Strategy & Advocacy

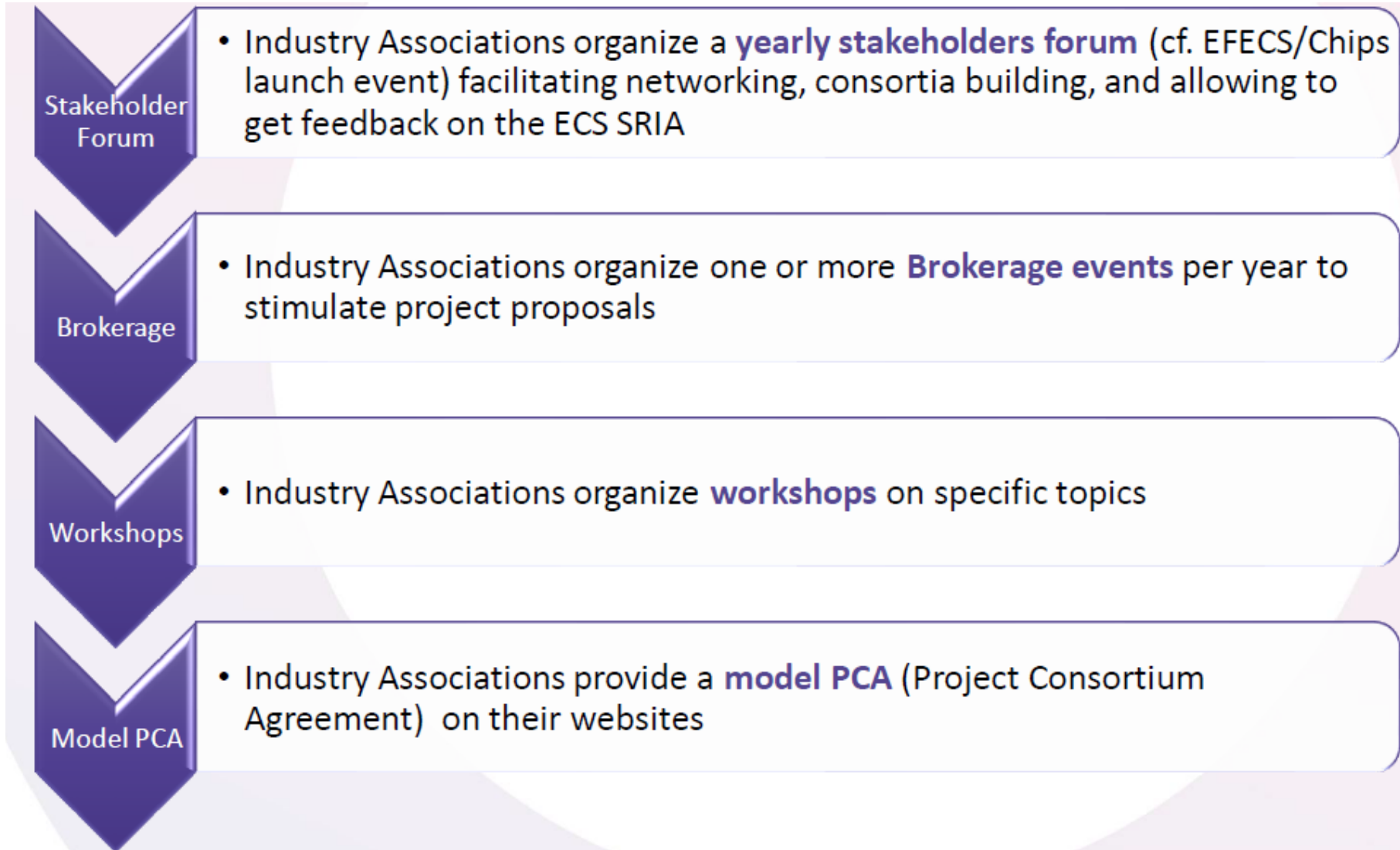
- Industry Associations represent the interest of their members in the Chips JU Governing Board and advocate for attractive contents and funding conditions in the Calls

SRIA

- Industry Associations generate the **ECS SRIA** which is the basis of the **Chips R&I Work Programme and Calls**

Focus Topics

- Industry Associations propose **Focus Topics** and discuss Focus Topics proposed by the EC and PS to best fit the needs of industry





Chips Ortak Girişimi kapsamında fonlanan proje ortaklarından «variable contribution» alır.



«Association for European NanoElectronics ActivitieS»

Üyelik ücretsiz

<https://aeneas-office.org/membership/financial-contributions/>

By joining AENEAS, you become part of the largest network of European organisations working on R&D&I along the Electronics Value Chain.

<https://www.smart-systems-integration.org/application-conditions>

# Chips Ortak Girişimi – Endüstri Birlikleri

Chips Ortak Girişimi kapsamında fonlanan proje ortaklarından «variable contribution» alır.

	Full member	Programme member
Duration	Unlimited	For total duration of Chips and KDT JU programmes
Membership fee	Yes (plus variable fee for Chips and KDT JU projects)	No (but variable fee for Chips and KDT JU projects)
Participation in Working Groups and Task Forces	Yes	Yes
Participation in the Executive Committee	Yes	On invitation only (no voting rights)
Participation in General Assembly	Yes (1 vote per member)	On invitation only (no voting rights)
Participation in Annual Forum	Free of charge	Entrance fee to be paid



For all new members, please tick which member category applies to your organisation:		
Category	Description	Annual fee for full membership
Category A	Small enterprise (< 50 employees and/or turnover ≤ € 10 m)	500 €
	Medium-sized enterprise (< 250 employees and/or turnover ≤ € 50 m)	1,500 €
Category B	Universities and colleges	2,000 €
	Public research institutions and other research institutes	4,000 €
Category C	Large enterprises, i.e. companies and groups with more than 250 employees and/or an annual turnover over € 50 m	8,000 €
Category D	Clusters	8,000 €

<https://www.smart-systems-integration.org/application-conditions>

Chips Ortak Girişimi kapsamında fonlanan proje ortaklarından «variable contribution» alır.

<https://www.inside-association.eu/membership>

Category	Member	Fee
Small & Medium Enterprises (SMEs)	SME Member	€500
Research organisations & universities	Research organisation and non profit member	€500
Large enterprises < EUR 500 M	Corporate member	€ 2,500
Large enterprises > EUR 500 M	Corporate member	€ 5,000
Umbrella & branch organisations (no internal R&I activities)	Associates	€500
	Extraordinary member	None



## EFECS 2024, Elektronik Bileşenler ve Sistemler için Avrupa Forumu



Partners



<https://efecs.adriacongrex.it/>





- 10 Eylül 2024 tarihinde Avrupa Komisyonu ile Uzay Girişimi (SPACE aısbl-Kurucu ortaklar; **Eurospace, SME4Space, ESRE, EASTRO ve EASN**) arasında imzalanan Mutabakat Zaptı ile “Uzay Ortaklığı” (European Partnership for Globally Competitive Space Systems) resmi olarak faaliyetlerine başlamıştır.
- "Uzay Ortaklığı", uzay endüstrisinin rekabet gücünü artırmayı ve temel araştırma önceliklerinin belirlenmesinde tüm tedarik zincirini bir araya getirerek, AB uzay sistemlerinin inovasyonunu ve pazara çıkış süresini hızlandırmayı amaçlamaktadır.
- Bu ortaklık 2025 itibarıyla Ufuk Avrupa'nın programlanmasına özel sektörün katılımını artıracaktır.
- Uydu iletişimi, Dünya gözlemi veya uzay taşımacılığı alanlarında Uzay Ortaklığı tarafından önerilen **konulara 100 milyon Avro AB fonu** tahsis edilecektir. Özel ortakların, esas olarak aynı katkılar yoluyla **120 milyon Avro** ortak yatırım yapması beklenmektedir.





# Teşekkürler

E-posta:

[ozlem.gezicikoc@tubitak.gov.tr](mailto:ozlem.gezicikoc@tubitak.gov.tr)

[ncpdis@tubitak.gov.tr](mailto:ncpdis@tubitak.gov.tr)

[ufukavrupa@tubitak.gov.tr](mailto:ufukavrupa@tubitak.gov.tr)

