

# Public Policy in IEEE

*Region 8 Meeting, Warsaw, 2022*

*Jef Beerten, Chair European Public Policy Committee  
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# IEEE Strategic Plan

## 2020-2025

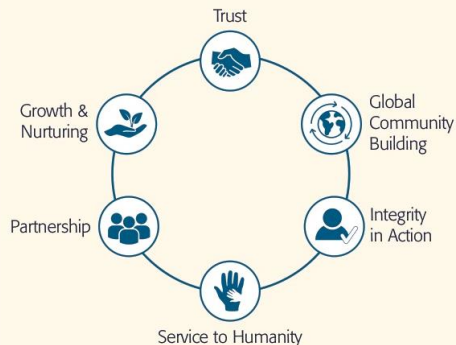
### OUR MISSION

We foster technological innovation and excellence for the benefit of humanity.

### OUR VISION

We will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology, and of technical professionals in improving global conditions.

### CORE VALUES



### IEEE WILL:

- Drive global innovation through broad collaboration and the sharing of knowledge
- Enhance public understanding of engineering and technology and pursue standards for their practical application
- Be a trusted source of educational services and resources to support life-long learning
- Provide opportunities for career and professional development
- Inspire a worldwide audience by building communities that advance technical interests, inform public policy, and expand knowledge for the benefit of humanity

IEEE will foster a collaborative environment that is open, inclusive, and free of bias and will continue to sustain the strength, reach, and vitality of our organization for future generations.

[www.ieee.org/strategic-plan](http://www.ieee.org/strategic-plan)

Approved by the IEEE Board of Directors, November 2019

# Public Policy as part of the IEEE's Mission

## *IEEE Board of Directors approach*

- **Rationale:**

- Growing involvement of governments in technology-related matters
- IEEE recognized the importance of contributing to public policy matters

- **General trend within IEEE towards more involvement in policy activities:**

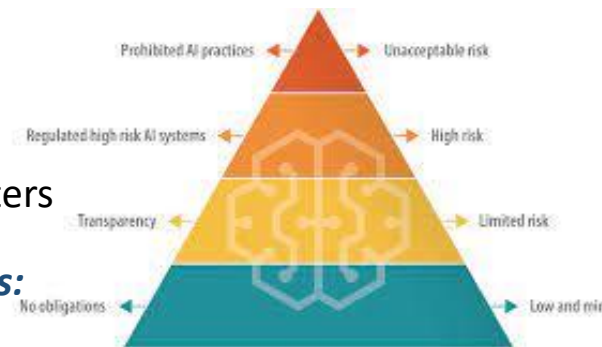
- IEEE Board looked into public policy related activities since 2012
- IEEE-USA has been working on it for several decades
- Increasing involvement of IEEE OUs, such as IEEE-SA, Societies (e.g., PES, CIS), etc...

- **Public Policy included as a priority in the last two IEEE strategic plans by the BoD**

- Provide governments with innovative, practical recommendations to address public policy
- Build communities that inform public policy

- **Board actions in 2015:**

- New Global Public Policy Committee (IEEE Bylaw I-305.8)
- Principles to guide IEEE Public Policy Activities (Bylaw I-311)
- Processes and authorities for development and approval of policy documents



# Global Public Policy Committee (GPPC)

*Dates:* Established in October 2015 (IEEE Bylaw I-305.8)

*Composition:*

- 9 Voting Members
- Chair: Mike Hinchey

*Purpose:*

- ✓ Advisory Committee to the BoD. It is not a policy-creating body
- ✓ Verifies compliance with IEEE policies
- ✓ Assist, coordinate and oversee public policy activities throughout IEEE

*Resources:*

- <https://globalpolicy.ieee.org>
- <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/about/whatis/ieee-policies.pdf>



# European Public Policy Committee (EU + EFTA + UK)

**Dates:** Created in 2018, with an ad-hoc Initiative/Committee since 2011

## **Composition (2022):**

- 13 Voting Members; Chair: Jef Beerten

## **Purpose:**

- Coordinate IEEE public policy activities in Europe
- Expand the dialogue between public authorities and technologists in Europe
- To contribute to the formulation of legislation and policy in Europe through the provision of impartial technical and policy advice.

## **EPPC Work:**

- Technical work is carried out by two working groups
  - Chaired by Costas Vournas (Energy WG) and Cecilia Metra (ICT WG)
- Preparing written materials on topical issues with the public policy needs as inputs
- Sharing technology expertise with policy- and decision-makers at all levels
- Engaging with the broader policy community and like-minded associations
- Organizing and contributing to events





# European Public Policy Committee (EPPC) Activities

## ✓ *Approved:*

- ✓ “Grid Stability”
- ✓ “Renewable Energy”
- ✓ “Cybersecurity”
- ✓ “E-health”

## ▪ *Under development:*

- “Artificial Intelligence”
- “Automated driving”
- “Green Hydrogen”
- “Smart Buildings”

## EPPC Members part of

- High-Level Expert Group on Artificial Intelligence
- Stakeholder Cybersecurity Certification Group
- ENISA Advisory Group
- EU stakeholder experts groups on Smart Buildings
- European Technology Platform for the Electricity Networks of the Future (ETP SG)



## Areas of work (past, on-going, future)

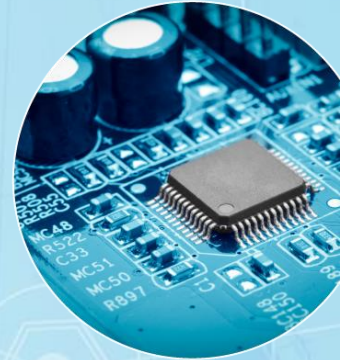
- **Energy:** DC Electricity Distribution | Sustainable Power and Energy System | HVDC Grids | Electrification of Transportation | Heating and Cooling | Energy Storage | Renewables | Smart Charging | Grid Stability | Green Hydrogen | Smart Buildings | Energy & ICT
- **ICT:** Cybersecurity | AI | Mobility | e-health | Semi-conductors



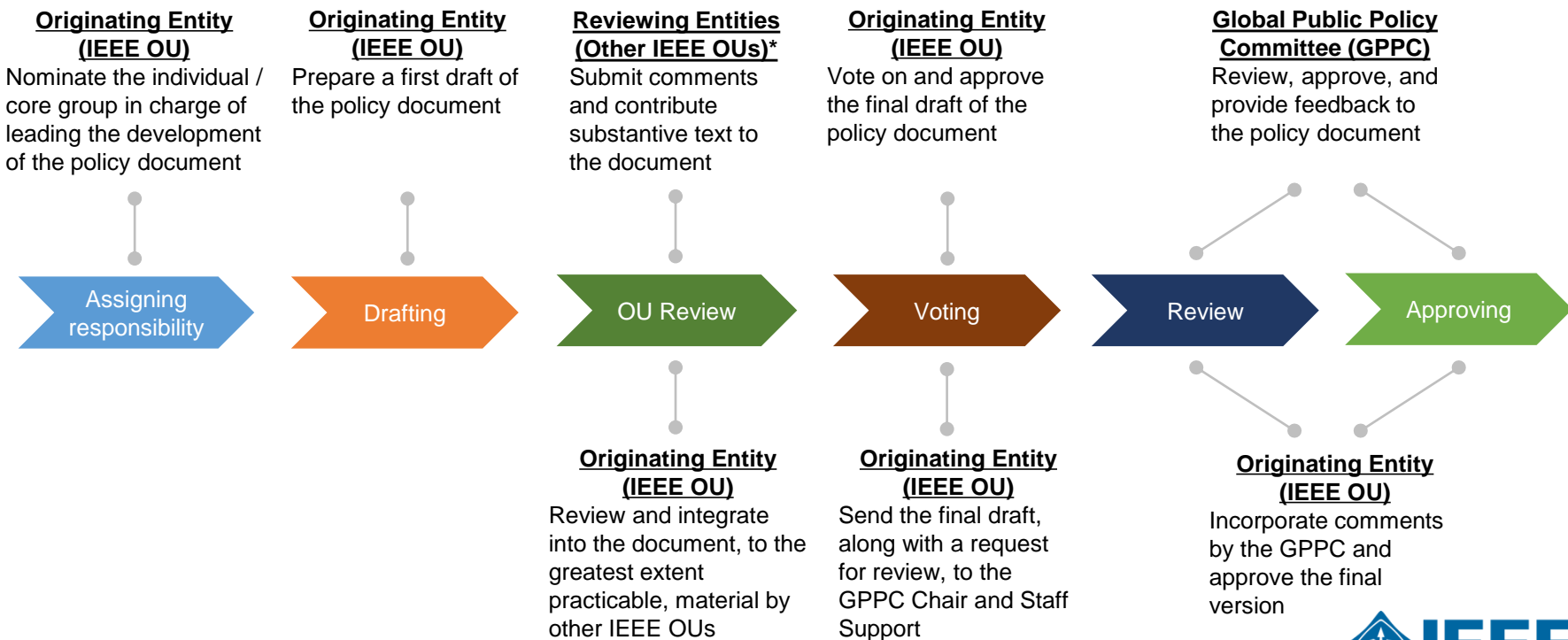


# Developing IEEE OU Policy Documents Coordination with other IEEE OUs

*IEEE Policy 15*



# Process for developing OU policy documents

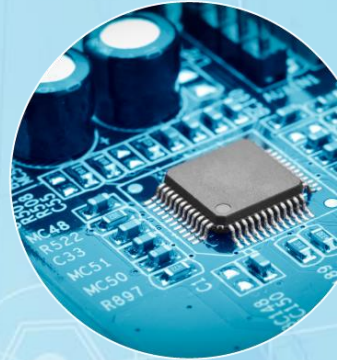


\*The EPPC can be one of those reviewing IEEE entities providing input to the draft of the policy document





# IEEE European Public Policy Activities and Opportunities for Engagement



# Engagement with public authorities

- Meetings with policy makers and other policy stakeholders
  - WG in-person meetings
  - High-Level Bilateral Meetings
- Participation in stakeholder meetings and events
  - Example Smart Readiness Indicator for Buildings
- Response to stakeholder consultations
  - European Commission consultations requesting inputs by the stakeholder community
    - Examples: renewable, cybersecurity, e-health
- Organise and participate in events with EU bodies and policy stakeholders
  - Five IEEE Summits in cooperation with major EC DGs
  - IEEE panel on sustainability at the G-Stic
- Organise and participate in policy panels with policy makers at major IEEE events
  - Smart Grids for Smart Cities, PowerTech
- Representation of IEEE in EU expert or stakeholder groups
  - EC HLEG on Artificial Intelligence



# Engagement with IEEE Members and Organisational Units

- Calls for Engagement
  - Create IEEE policy expert groups
  - Develop EPPC policy documents in a collaborative manner
- Policy Webinars, News and Bulletins
  - Inform and engage IEEE members of major technology policy issues
  - Examples: Grid Stability, Artificial Intelligence
- Contribution to EU-level publications and events
  - Parliament Magazine
  - MEP Awards
- Support public policy objectives of IEEE Organizational Units (OUs)



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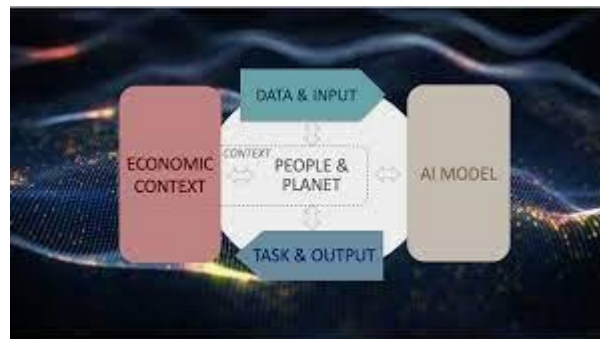
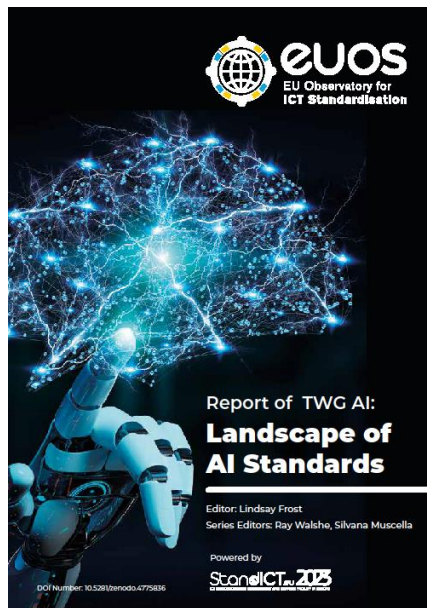


**Newsletter Sign-up** - <https://engage.ieee.org/EPPC-Newsletter-SignUp.html>



# Collaborations and Engagements

*Example on Artificial Intelligence, IEEE SA*







**Be**

recognized as the globally relevant and trusted resource and voice with respect to technology policy

**Facilitate**

collaboration on these issues between the IEEE technology communities and public authorities or related organizations

**Increase**

visibility of IEEE's technology expertise and knowledge





# Questions?