



IEEE European Public Policy Initiative – Options for the Future

Region 8 Committee Meeting

Marko Delimar, Chair IEEE Ad Hoc Committee on Engagement
in Europe & EPPI (European Public Policy Initiative) Lead

24-25 September 2016

Why?

Why should science and engineering societies engage in the development of public policy?

- Because the impacts of technology depend as much on the actions of governments as on the creativity of engineers and the discoveries of scientists.
- Because wise technology-related policies are best developed through consultation between policy-makers and technologists.
- Because professional societies provide large, diverse pools of technical experts whose consensus views are unlikely to be dominated by narrow political and corporate interests.

FLASHBACK

On 23 March 2011 in London, the IEEE Region 8 Committee adopted the following **IEEE Region 8 2011 Primary Challenges**:

1. Africa
2. **Cooperation with European Institutions and Agencies**
3. Conferences

Reports and developments on „IEEE Activities in Europe“ and „IEEE Engagement in Europe“ have been reported to IEEE Region 8 Committee at every meeting since - a total of 12 reports.

EPPI Membership

Volunteers:

- Marko Delimar* (Chair)
- Martin Bastiaans*
- Christopher James
- David Law
- Maciej Ogorzalek**
- Axel Richter
- Marina Ruggieri
- Stefan Sauermann
- Gianluca Setti
- Costas Stasopoulos*/**
- Dirk Van Hertem
- Gordon Day (Corresponding Member)

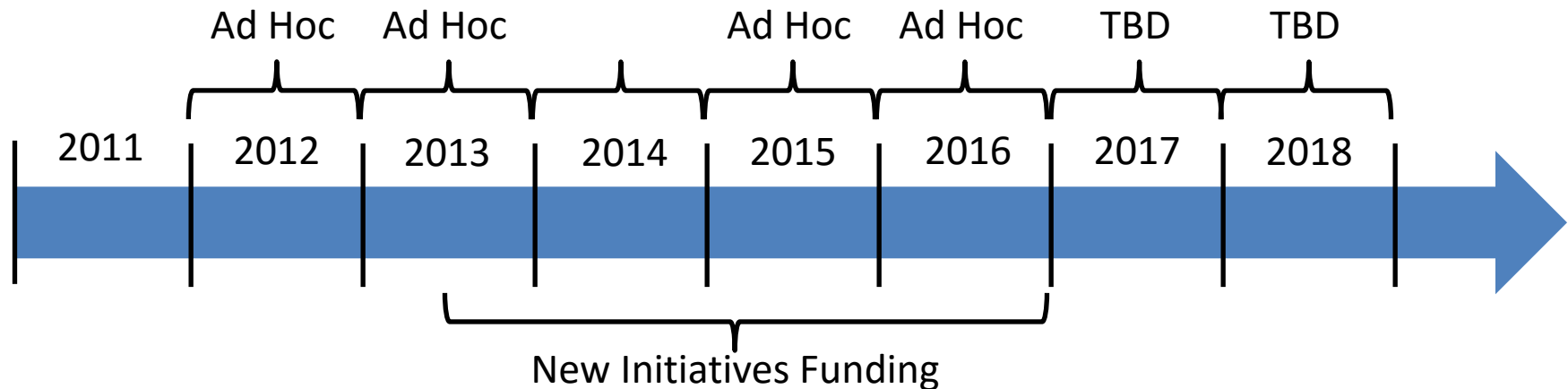
Staff:

- Moira Patterson (Primary)
- Konstantinos Karachalios***
- Cheryl Sinauskas

IEEE Board of Directors: Public Policy is an Important Part of IEEE's Mission

- **Public Policy activities are expanding across IEEE**
 - Board has been studying since 2012
 - EPPI
 - Internet Initiative
 - Ad Hoc on Activities in Africa
 - Increasing engagement in PSPB, EAB, SA, TAB (Societies), IEEE-USA
- **Board-approved priory in 2013 (one of four)**
 - “Leverage IEEE’s technology-related insight to provide governments, nongovernmental organizations, and other groups with innovative, practical recommendations to address public policy issues”
- **Board actions in 2015**
 - Established principles to guide IEEE Public Policy Activities (Bylaw I-311)
 - Established processes and authorities for development and approval of policy documents (IEEE Policies, Section 15)
 - Established new Global Public Policy Committee to “advise...encourage, assist, coordinate and oversee” IEEE’s public policy activities (IEEE Bylaw I-305.8)
- **Important component of Board’s work on “IEEE in 2030”**

IEEE European Public Policy Initiative: History on One Slide



- 2011. "Cooperation with European Institutions and Agencies" identified as one of three Primary Challenges by IEEE Region 8
 - 2012. Outreach & consultation with IEEE Members and EU & EC officials; Survey of members
 - 2013. Consolidation and formation of Ad Hoc; Obtained NIC Funding
 - 2014. Formation of Working Groups on Energy and ICT; Began Direct Consultation with EC officials
 - 2015. First policy documents produced by Working Groups
 - 2016. Policy documents becoming more routine
- 1st IEEE European Summit – *Internet Governance*
2nd IEEE European Summit – *Towards Secure Green Energy*
3rd IEEE European Summit – *Ethics in Artificial Intelligence*

IEEE Public Policy Engagement in Europe: What we learned in 2012

- **Nearly 60,000 IEEE members in Europe (EU28 + EFTA)**
 - Want to make their views known to EU policymakers (Survey)
 - Want to work with IEEE to engage (Survey → volunteering)
 - Recognize the professional benefits of policy & advocacy skills
 - Aware of IEEE-USA and want similar support
- **EU & EC officials want to draw upon IEEE technical/policy expertise (Direct outreach → participation in meetings)**
 - Value input from IEEE because it is an international organization
 - Need information (EC Official: “Farmers come to Brussels all the time; technologists don’t.”)
- **Part of a general trend within IEEE towards more engagement in public policy activities**

What are the key components of EPPI?

1. Brussels representation

- Awareness of issues and opportunities to influence
- Engagement and access to offices and officials

2. Policy Working Groups (Energy and ICT)

- Development of EPPI Position Statements and Policy Communications
- Direct engagement with EC Officials (WG Meetings)

3. Events for direct engagement between members and EU officials (Annual Summits)

- 2014 Internet Governance
- 2015 Towards Secure Green Energy
- 2016 Artificial Intelligence and Ethics

2014 Summit – Internet Governance



2015 Summit – Towards Secure Green Energy



2016 Summit – Artificial Intelligence and Ethics



Policy Working Groups

Policy WGs:

- Two active groups: Energy and ICT
- 12 members per group
- Members from EU & EFTA countries can apply and are selected in a peer-review process
- A call for new members was conducted in Q2 - ~200 applications received and peer-reviewed to select new members

Oversight:

- EPPI (aka Ad Hoc Committee on European Engagement)

Secretariat and support:

- IEEE Corporate Activities staff
- Interel (Brussels located)

Policy Working Groups – Some Highlights

- WGs hold monthly teleconferences; 2-3 in-person meeting per year
- 2016 policy roadmaps developed
- 6 Policy Statements have been reviewed by the Global Public Policy Committee
 - 2 approved: Network Neutrality
 - 4 have received feedback, and are undergoing comment resolution [final step]
- Additional papers at earlier stages of drafting
- Submitted response to the “Public consultation on the public-private partnership on cybersecurity and possible accompanying measures” to the European Commission on 11 March 2016
- Furnishing speakers for IEEE Smart Grids for Smart Cities conference in Paris in Q4

Policy Working Groups – Some Highlights

- Engaged with policy makers at WG meetings, incl.
 - Megan Richards, principle advisor to DG CONNECT
 - Marietje Schaake, NL, ALDE
 - Julia Reda, DE, GREENS/EFA
 - Afonso Ferreira, Policy officer, DG CONNECT
- Secured policy speakers for IEEE EnergyCon, incl.
 - Keynote opening panel: Mark van Stiphout, Dpty. Head of Unit, DG Energy, European Commission
 - Closing keynote – Jos Delbeke, Director General for Climate Action, DG CLIMA, European Commission
- Held panel session on EU Energy Policy at 2016 IEEE PES General Meeting, with 35 attendees during busy schedule
- Held a student workshop on innovation and ICT policy topics at Oxford University with President Shoop, co-located with a WG meeting

What are the Benefits to European IEEE Members

- The opportunity to help shape public policy in Europe for the benefit of the profession and humanity
 - Papers, consultations, & events provide critical information on technology considerations to the policy community
- Opportunities to participate in peer-selected, volunteer Working Groups, and organization of policy-related events
 - Over 200 applications to fill open seats
 - Deepen knowledge of public policy issues affecting our profession, our employers, and our families.
 - Engage with community of European IEEE members interested in public policy
- Future opportunities
 - To opt-in to review and comment on WG output
 - To receive Brussels policy updates (email; possibly webinars)

What does the European Public Policy Initiative Need Now?

Stability and Sustainability

- An organizational home
 - Governance & Oversight
 - Nominations and appointments
 - Administration of finances
- Local staffing (Brussels or Vienna)
 - European policy expertise
- Funding Model
 - Policy development must be funded locally (Why?)
 - An assessment of ~US\$5/member
 - Events and other engagements can be funded by other means

Where is Home – for Now?

Hosting Unit	Considerations
Region 8	<p>Council is possible model (e.g. Japan Council)</p> <ul style="list-style-type: none"> ↓ Governance by ~30 Section Chairs without policy expertise ↓ N&A Processes undefined ↓ Funding through Sections is complex ↓ Financial and staff management would need to be created
MGA	<p>Partial models: WIE, LM Committee, Fellow Committee</p> <ul style="list-style-type: none"> ↑ Experience with financial and staff management and N&A ↑ Experience with assessment funding ↑ Facilitate policy activities in other Regions (APPI, IPPI....) ↓ Minimal policy expertise
Global Public Policy Committee	<p>No prior models</p> <ul style="list-style-type: none"> ↔ Policy expertise, but not operations ↓ Lack of independence for EPPI ↓ No expertise in N&A, assessments, financial or staff mgmt.
Corporate Activities	<p>Humanitarian Activities is closest model (EPPI a Comm. of IEEE?)</p> <ul style="list-style-type: none"> ↑ Experience with financial & staff management; some policy ↓ No experience with assessment funding; N&A?

What are costs of EPPI?

1. Brussels representation & presence (~US\$145k)


- Currently provided by contract with Interel (a Government Relations firm in Brussels)
- Related activities and sponsorships

2. Policy Working Groups (~US\$200k)

- Secretariat & program management
- Meeting costs & travel for WGs

3. Events for direct engagement between members and EU officials (~US\$165k)

- Usual costs of organizing conferences
- Alternative funding models to be considered



Must be funded by members

Proposal for Long-Term Sustainability

- Workshop on IEEE European Public Policy Initiative long-term sustainability was organised at the IEEE Region 8 Monte Carlo meeting, March 2016:
 - Marko Delimar, EPPI
 - Pierluigi Mancarella, WG Energy
 - Anders Mynster, WG ICT
- Assessment of members in EU and EFTA countries of \$5 to cover the work of the Working Groups
 - Ensure long-term sustainability of the activity
 - Ensure independence of the work
- Cover the work of the Working Groups
 - Development of technical statements
 - Staff & consultants' support
 - Limited travel

Why is an assessment essential?

What is good policy in Europe is not necessarily good policy in other parts of the world.

1. Financial support by European members assures European WG volunteers that they can develop policies appropriate for Europe, without outside influence.
2. Financial support by European members assures EU officials that the advice they receive has been developed by European technologists, without outside influence.

Integration into IEEE Operations

- Strong alignment with the IEEE BoD's (2013-approved) priority of leveraging IEEE's technology-related insight to provide innovative, practical recommendations to shape public policy
- Strong alignment with the Global Public Policy Committee and program approved by BoD in October 2015
- Will maintain and expand working collaborations with
 - Region 8, Major OUs, Societies/Councils & Sections
 - Other BoD activities: IEEE Ad Hoc on Global Strategy
 - See how EPPI will fit with potential changes that IEEE 2030 might bring
- Staffing to be provided by Corporate Activities
- Challenges: Sustainable financial model needed

Summary

IEEE EPPI is a growing initiative that will transition into a long-term program

- Based on interest from European membership and driven through Region 8 activities to become a NIC-funded initiative
- It aligns with IEEE's increasing activities in public policy and with IEEE's global engagement

With governance changes, the long-term home for the activity is not yet determined

To sustain it long-term, it will need an assessment of the represented members



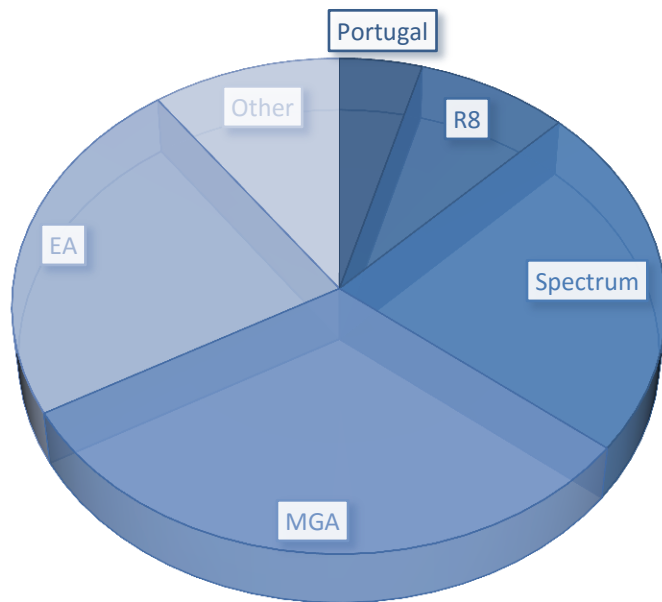
IEEE EUROPE

IEEE ЕНБОЕ

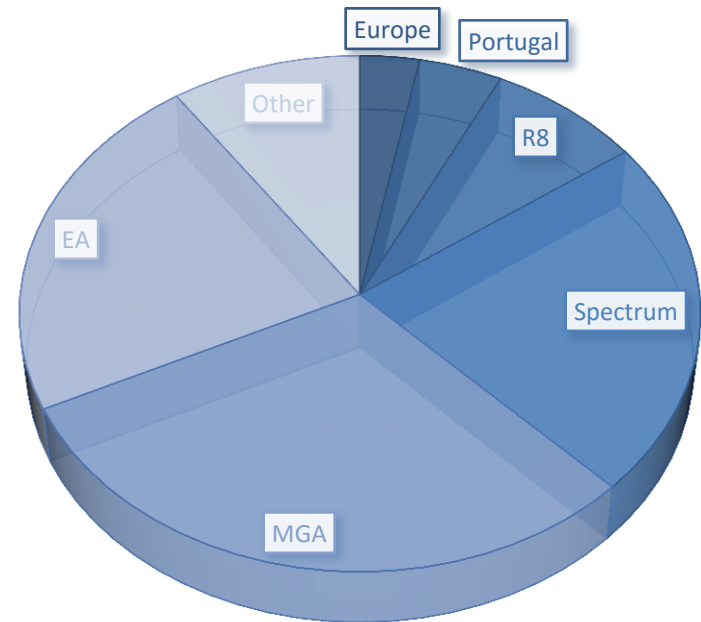
Discussion



IEEE DUES?



USD 160



USD 165

List* of EU/EFTA Countries

EU Member States:

- › Austria
- › Belgium
- › Bulgaria
- › Croatia
- › Cyprus
- › Czech Republic
- › Denmark
- › Estonia
- › Finland
- › France
- › Germany
- › Greece
- › Hungary
- › Ireland
- › Italy
- › Latvia
- › Lithuania

- › Luxembourg
- › Malta
- › Netherlands
- › Poland
- › Portugal
- › Romania
- › Slovakia
- › Slovenia
- › Spain
- › Sweden
- › United Kingdom

EFTA Member States:

- › Iceland
- › Liechtenstein
- › Norway
- › Switzerland

EU and EFTA Sections

- ▶ Austria
- ▶ Benelux
- ▶ Bulgaria
- ▶ Croatia
- ▶ Cyprus
- ▶ Czechoslovakia
- ▶ Denmark
- ▶ Estonia
- ▶ Finland
- ▶ France
- ▶ Germany
- ▶ Greece
- ▶ Hungary
- ▶ Iceland
- ▶ Italy
- ▶ Latvia
- ▶ Lithuania
- ▶ Malta
- ▶ Norway
- ▶ Poland
- ▶ Portugal
- ▶ Romania
- ▶ Slovenia
- ▶ Spain
- ▶ Sweden
- ▶ Switzerland
- ▶ UK and Ireland



Motion 1 (informal): EU/EFTA Chairs – Supporting Forming New Unit & Assessment

- ▶ *Members of the IEEE Region 8 committee residing in EU/EFTA* countries hereby express support for:*
 - *forming a new IEEE Organisational Unit tentatively called "IEEE Europe" to work on public policy matters on behalf of IEEE members residing in EU/EFTA countries through Working Groups that will be selected from EU/EFTA members by an independent nominations and selections process; and*
 - *collecting an assessment in the amount of 5 USD from members residing in EU/EFTA countries that is to be used to partly cover the activities of this unit and ensure the independence of the creation and delivery process of public policy statements under the IEEE Policies.*

*See slide 24 for list of countries.

Motion 2 (formal): R8 Committee – Endorse Formation of New Unit & Assessment

- ▶ *IEEE Region 8 Committee endorses*
 - *forming a new IEEE Organisational Unit tentatively called “IEEE Europe” to work on public policy matters on behalf of IEEE members residing in EU/EFTA* countries through Working Groups that will be selected from EU/EFTA members by an independent nominations and selections process; and*
 - *implementing an assessment in the amount of 5 USD from members residing in EU/EFTA countries that is to be used to partly cover the activities of this unit and ensure the independence of the creation and delivery process of public policy statements under the IEEE Policies.*

*See slide 24 for list of countries.

Thank you



Motion 3:

- ▶ *Region 8 Committee requests the IEEE Ad Hoc Committee on Engagement in Europe to consider including EU candidate countries in the activities of the IEEE European Public Policy Initiative and including them in the activities of what is to become IEEE Europe.*