

Internal

IEEE Sweden



5 Oct 2017 – workshop in Stockholm Chapter, Section, YP, SB, WiE

Agenda & outline

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Chair IEEE Section Sweden
Ver 2017-10-05



Internal

Outline

- ➔ Agenda
 - Overview Sweden; so far
 - IEEE & external
 - This workshop



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Agenda - overview

Time	Activity	Who
0900	Welcome & intro Planning for 2018 – 2020	Section
0940	10 min present + 5 m Q&A – done & forward	Chapters
~1200	Working lunch, salads	
	40 min presentation in total	YP SB WiE
	Networking & Discussion – x-border, ambitions, plans, priorities etc	All
	Coffee break	
	Region 8 & IEEE future	Samarth, All
	Plan & Budget	Treasurer, All
	Next steps	All
1630	Wrap up	
	Dinner near by	All registered

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Agenda

Time	Topic
08:30	Morning coffee & preparations
09:00	Welcome, intro, outline of workshop
09:20	Economic procedures & reporting
09:30	IEEE Congress 2017 - Collabratec
09:40	C & Software Engineering
09:55	E
10:10	ED
10:25	SSC / CAS
10:40	Brief break
10:55	EMC
11:10	MTT/AP - by MJE
11:25	(MAG)
11:40	VT/COM /IT
11:55	P
12:10	Working lunch
12:30	(RA)
12:45	PE/PEL
13:00	SP
13:15	EMB
13:30	SIT
13:45	YP SB WIE
14:30	Networking & Discussion – ambitions, cooperation, priorities etc
15:00	Coffee & networking
15:30	Future of Region 8 and IEEE global
16:00	Plan & Budget, from discussions above
16:30	Next steps & photo
17:00	Close

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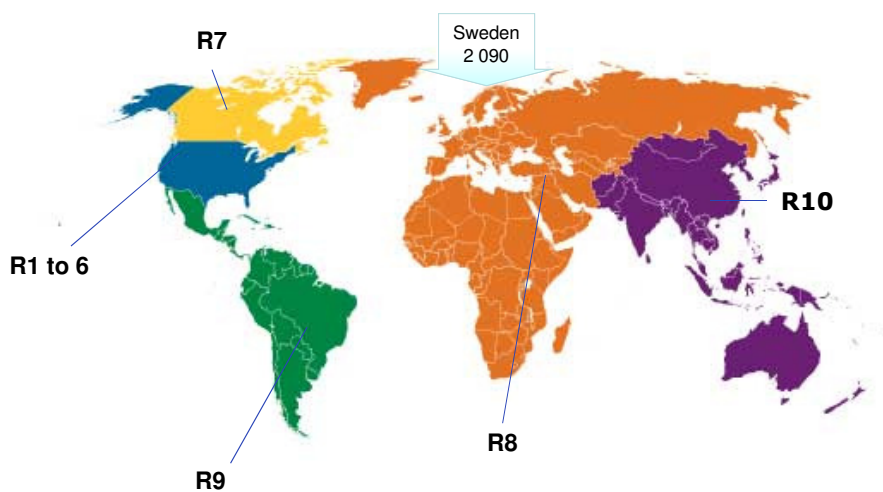
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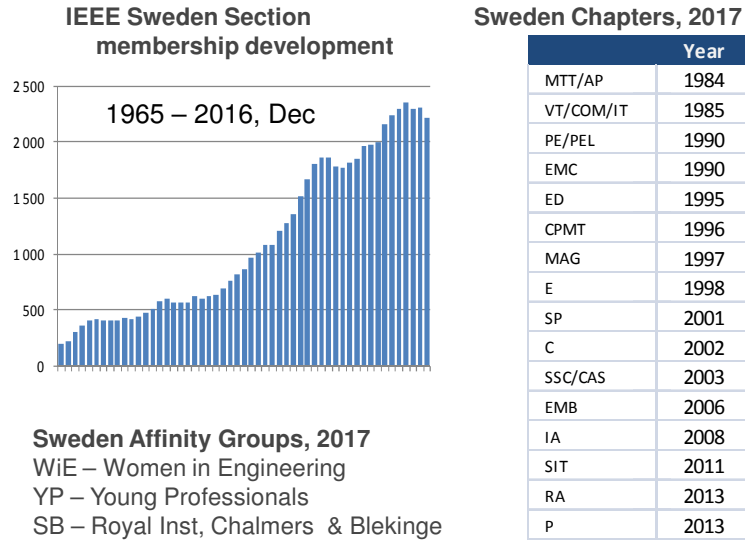
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IEEE Regions



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IEEE Sweden at glance

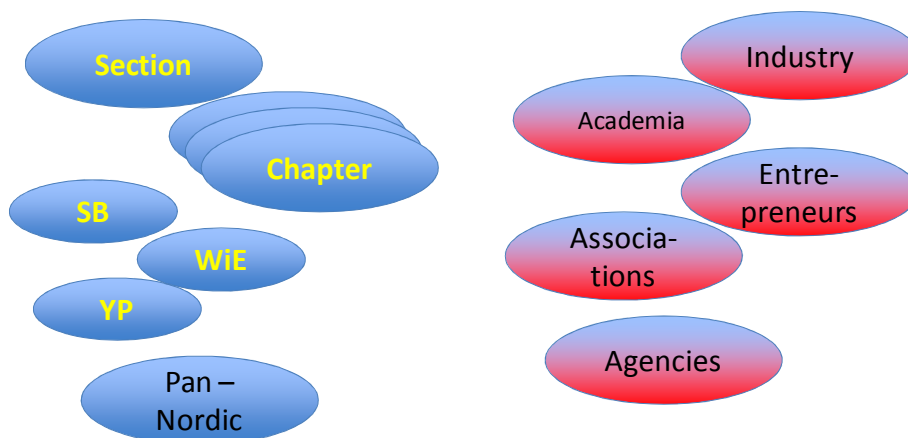


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Sweden 'strategy': Forward looking, cooperate & x-border

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- Within IEEE ...
- ... & outside IEEE



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Sweden Section illustrations of 'Forward looking, cooperate & x-border'

- 1st IEEE milestone 2017
Gotland HVDC subsea cable
 - Section, chapter, industry => next ?
- 50yr + 1st Nordic SYP
 - Section, chapters, industry => 2nd LT
Region 8 @ Sthlm 2017
 - Lessons; areas w Nobel Laureates
- Create Pan-Nordic chapters
 - => IA ? Other ?
- Chapters & SYP WIE workshops
 - CPMT & VTCOMIT & YP & SB CTH = STEP
Student Transition & Elevation Partnership
- Section - supporting infrastructure
 - New web; direct access & edit
 - Chapter "bank account" and P & L
- Industry & Chapter workshops
 - EMC requirements in systems
 - Telecom trends & road to 5G
 - ...
- SYP & WiE + Industry
 - Seminar; cultural competence & international teams
 - Female leadership seminar with industry speakers
 - SB CTH Advanced Driver Assistance Systems in vehicles; IBM Watson
- Entrepreneurship – "Unicorn"
 - Section, SYP WIE, investors, industry, academia, agency
- Joint with non-IEEE organizations
 - E g photonics, systems ...

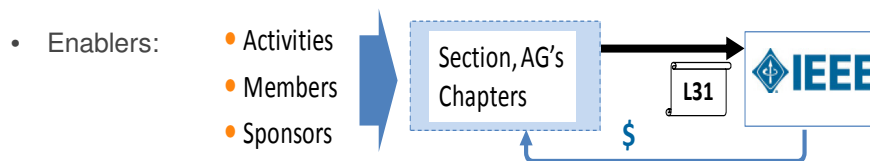
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Fund raising; active enabling



- Within IEEE; Parent society, regional ad-hoc, awards ...
- External; Cash contribution, in kind, 'expensing' ...
- 'Cost sharing' & scaling; 'Piggy-back', non-IEEE org ...

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Sweden Industry & Innovation - the past & the present

Traditional:

- Electrolux
- ABB
- Volvo
- Scania
- SKF
- Ericsson
- TeliaSonera
- Absolut Vodka
- H&M
- AstraZeneca
- Ikea

Internet based:

- Skype
- Spotify
- King
- MySQL
- Klarna
- Rebtel
- Minecraft
- True
- Battlefield 3

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External perspectives, e g

- Tech dev = crossing traditional borders;
 - more connected devices (e g IA, SSC/CAS, COM, C, SP, P),
 - more automatic & "intelligent" solutions at home & work (e g VTCOMIT, RAS),
 - more sensitive environment (e g EMC, MTT/AP, MAG),
 - more integrated & (physically) closer to humans & life (e g EMB, SIT, E)
- Circular economy (EMF – reuse... recover),
Sharing economy / Urban economy, Financial tech
- Faster development, new disruptions
 - E g connected mining; Boliden, Ericsson, Telia, Volvo CE, ABB, Wolfit, Rise, SICS & LTU
 - Moving Kiruna = issues cutting across all disciplines and chapters
- Sweden = a home for new bus / new tech / Unicorns etc
=> **IEEE ?**

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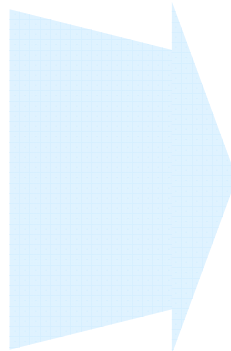
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Region 8 direction – Sweden relevance

**“More cooperation,
across all borders”**

- Technical
 - Chapters / Societies
- Geography
 - Sections
 - SB
 - YP
 - WiE
- Non – IEEE org



“In response to ongoing changes”

- **IEEE R8 priorities**
 - Working with industry
 - Mutual needs, e g AFI internship & mentors
 - Entrepreneurship
 - Next generation ; SB YP WiE
 - A lot of hot topics of interest,
 - Big potentials in e g IA PES EMB CS, health, society
 - Section vitality, membership dev
 - R8 innovation fund ...
 - Africa, Vienna office ...

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This workshop

- **Going forward?**
 - Do more / less?
Start / stop doing?
 - X – silos, barriers, country ...
- **Efforts & focus areas next 3 yrs; own vs jointly ?**
 - Chapter efforts
 - Affinity group efforts
– YP, WE, SB
 - Section efforts
- Combinations, external ...
- Admin, procedures, structure

- Presentation 10 min
+ 5 min Q&A
 - What done, briefly?
- Plans for 2018
Draft & ideas for 2019 & 2020
- Reflections,
e.g. done vs discussed 2016 ws
- Networking & discussions