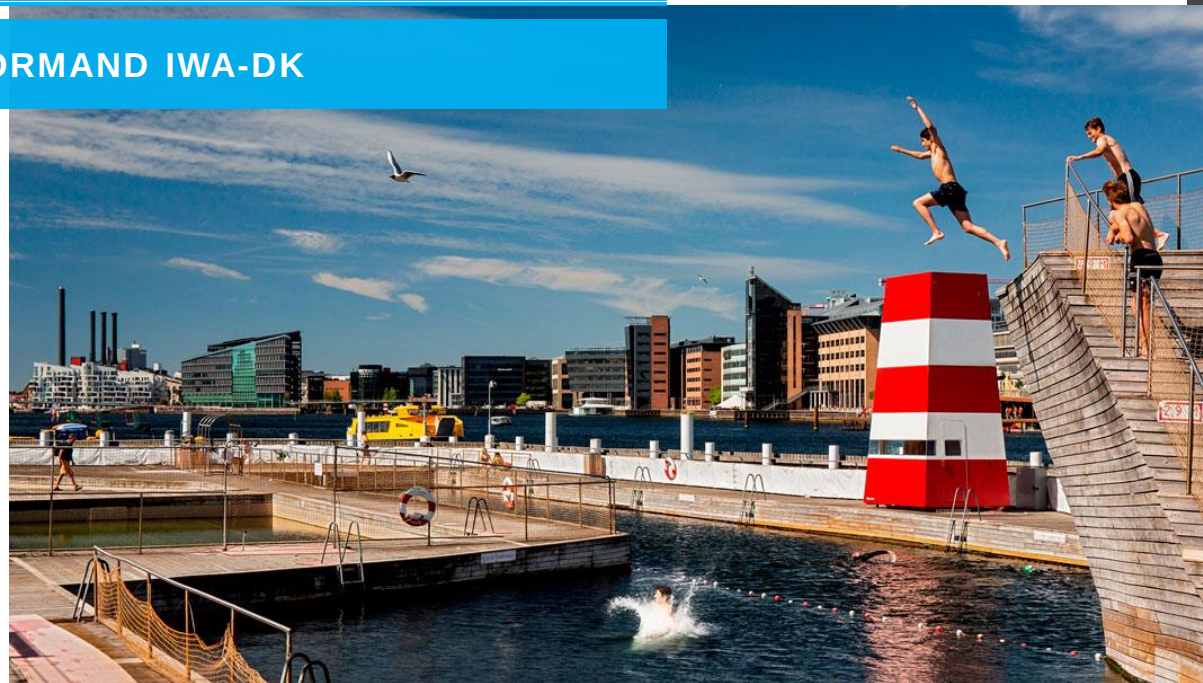


the international water association

IWA Denmark

Generalforsamling 21. november 2019
i den danske IWA nationalkomite

HELLE KATRINE ANDERSEN, FORMAND IWA-DK



inspiring change

DAGSORDEN

1. Godkendelse af dagsorden

2. Godkendelse af referat

3. **IWA orientering**
   a. IWA siden sidst
   b. IWA-DK status og medlemskab
   c. IWA Governing Members Forum
   d. IWA Governing Assembly

4. **Økonomi**
   a. Årsregnskab 2018
   b. Forventet regnskab for 2019
   c. Budget 2020

5. **Valg til forretningsudvalget**

6. **IWA2020**
   a. Overblik over aktiviteter (MFE)
   b. Udstilling (IK)
   c. Technical Tours (TJ)
   d. Sponsorer (AB)
   e. Spørgsmål?

7. **Young Water Professionals**
   a. YWP DK aktiviteter (TD)
   b. YWP Konference i Toronto (IB)

8. **Rejselegatet 2019**

9. **NORDIWA**

10. **Eventuelt**

IWA'S MAIN ACTIVITIES

the international water association

Communities

10,000 members in 140 countries

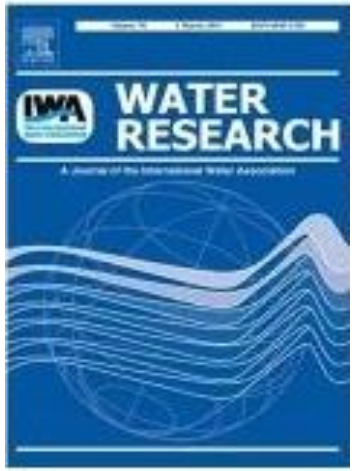


50 Specialist Groups

Communities of water regulators, cities, utilities

Publications

14 Journals
40 books/year



Events

Biennial Congress with over 9000 participants



Over 30 conferences/year with over 50,000 participants

Thought leadership

Leading edge technologies and best practices



IWA IN NUMBERS

the international water association

13,899	6,607	3,243	378	23	54
Network Members	Individual Members in 130 countries	Nominated CM	Corporate Members (CM)	University Members	Governing Members

130 Countries

50 Specialist Groups

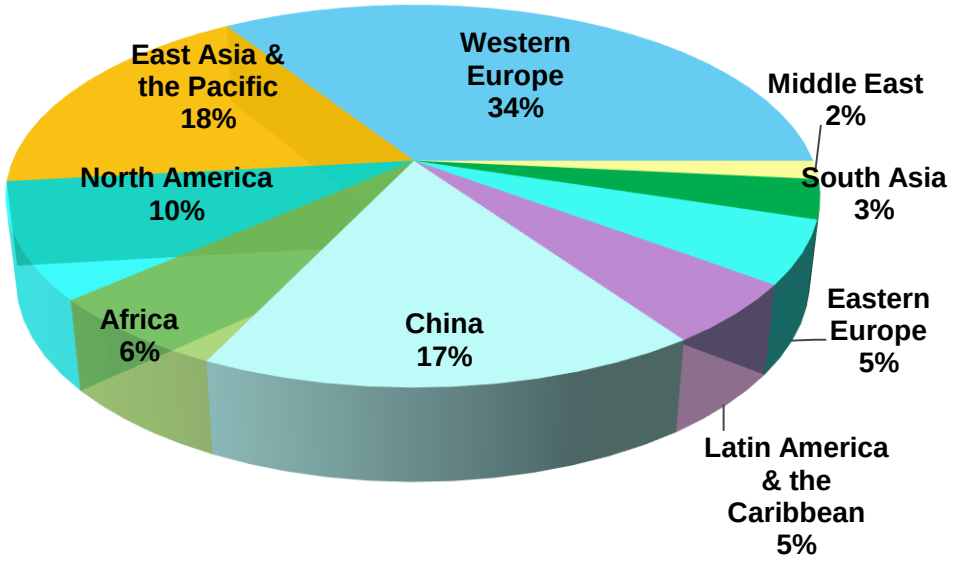
4 Task Groups

3 Clusters

20 Specialist Group Conferences

22 Specialist Group newsletters

10 Specialist Group books published



IWA MEMBERS
TOGETHER TOWARDS A WATER-WISE WORLD!

the international water association

Empowering water professionals to become agents of change!



IWA STRATEGIC GOALS

the international water association





1.
AN ENGAGED AND BALANCED MEMBERSHIP

2.
A SOURCE FOR LEADING-EDGE WATER KNOWLEDGE

3.
A SPACE FOR PROFESSIONALS TO EXCHANGE WATER KNOWLEDGE

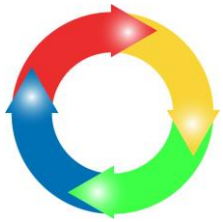
4.
A BRIDGE BETWEEN RESEARCH AND PRACTICE

5.
A SUPPORT TO THE IMPLEMENTATION OF SDG's

IWA will help the water sector navigate through a period of rapid change



Global Change: **Adaptive solutions**



Circular Economy: **Resource miners**



Digital Water : **IoT and automation**

DWP Moving forward

the international water association

Active Steering Committee meetings every 2 months

Webinar #1 (May 2019)

Launch whitepaper, workshop, @ LET (Jun 2019)

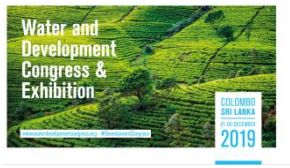
Webinar #2 (Jun 2019)

Workshops @ WDCE (Dec 2019)

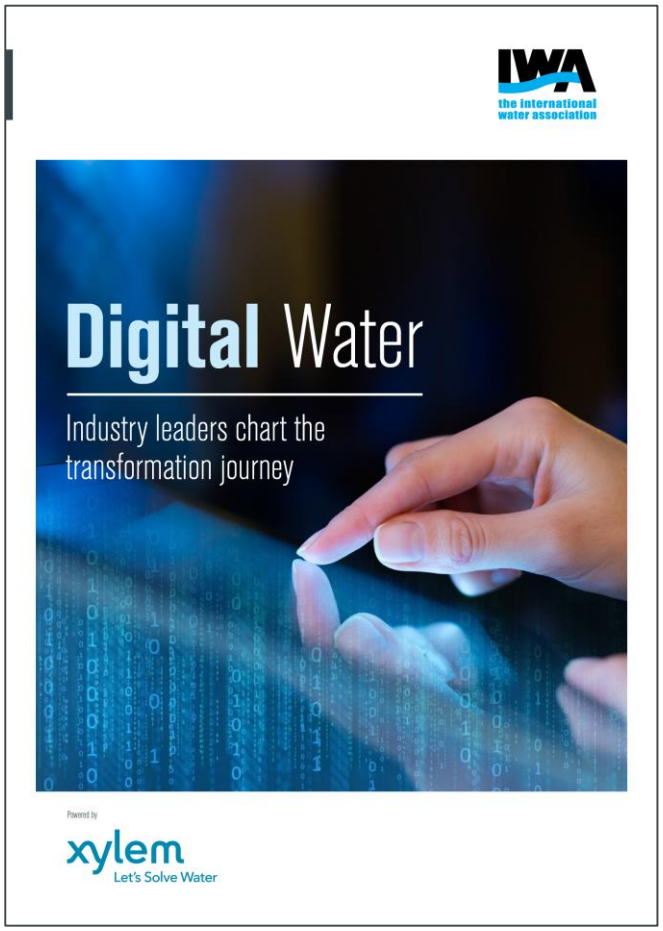
Digital Water Summit (2020)

IWA Learn

IWA Learn



IWA DIGITAL WATER PROGRAMME



https://iwa-network.org/publications/digital-water/

THE DANISH IWA MEMBERSHIP

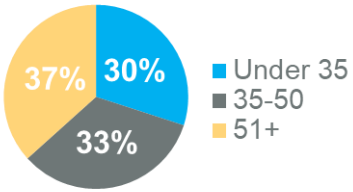
157 ACTIVE MEMBERS

68 Individual Members

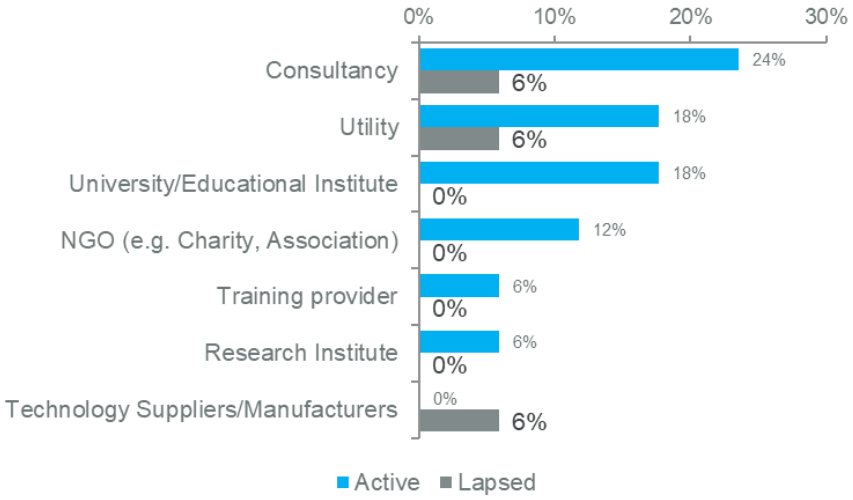
12 Corporate Members

89 Nominated Representative

AGE



SECTOR



IWA DENMARK
(NATIONAL COMMITTEE MEMBERS)

IWA National Committee 2014



29 members

- Consultancy (8)
- Utility (9)
- University / Educational Institute (3)
- Research Institute (1)
- NGO (e.g charity, assocaition) (5)

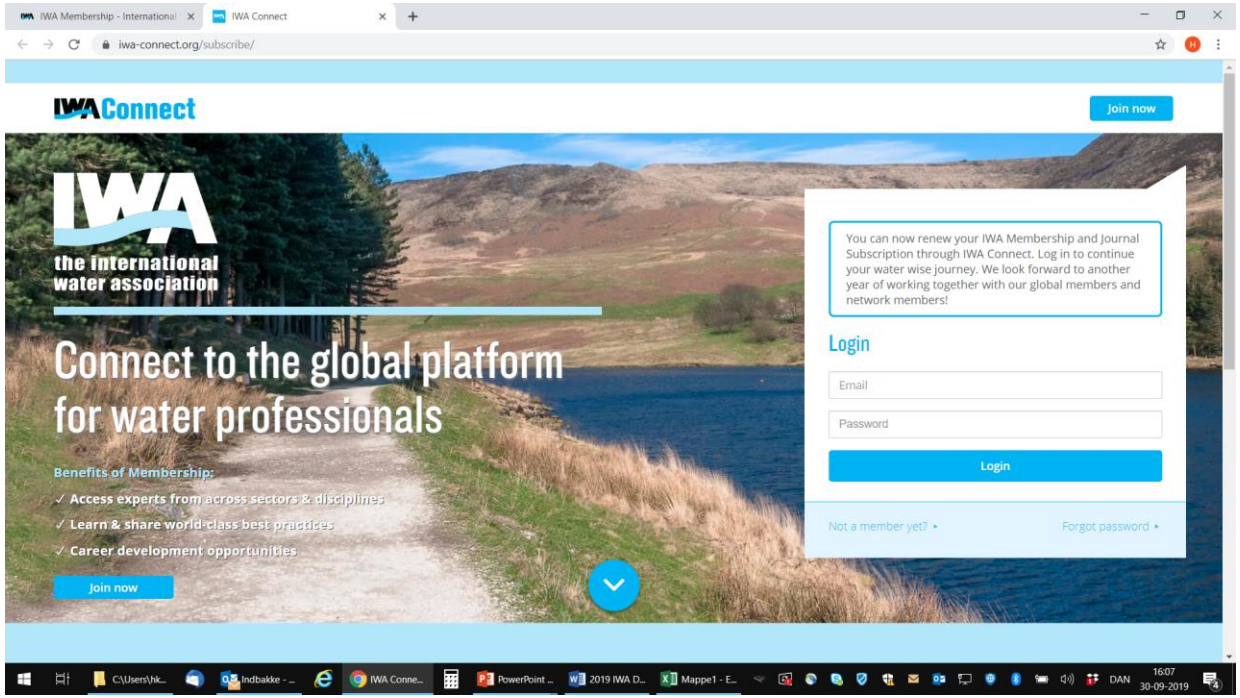
IWA National Committee 2019



52 members

- Consultancy (10)
- Utility (24)
- University / Educational Institute (6)
- Research Institute (1)
- NGO (e.g charity, assocaition) (9)

LINK TIL ET GLOBALT NETVÆRK – OGSÅ EFTER 2020



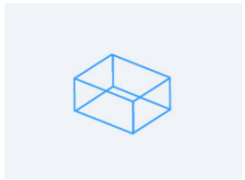
ENGAGE WITH IWA MEMBER COMMUNITIES

50 groups

10+ task groups

3 clusters

- 20+ SG conferences/year
  Host, organise and/or present
- Publications/ white papers
- Training sessions
- Online news/ knowledge platform



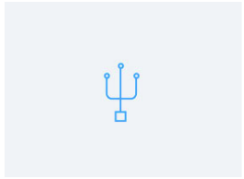
Basins and Water Resources



Drinking Water Systems



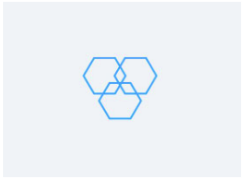
Industrial Water and Wastewater



Information and Communications Technology

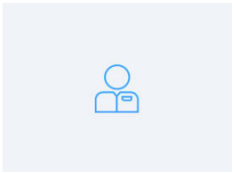


Resource Recovery and Reuse



Treatment Technologies

Specialist Groups (SG)



Water Governance, Regulation and Utility Management



Urban Water Management

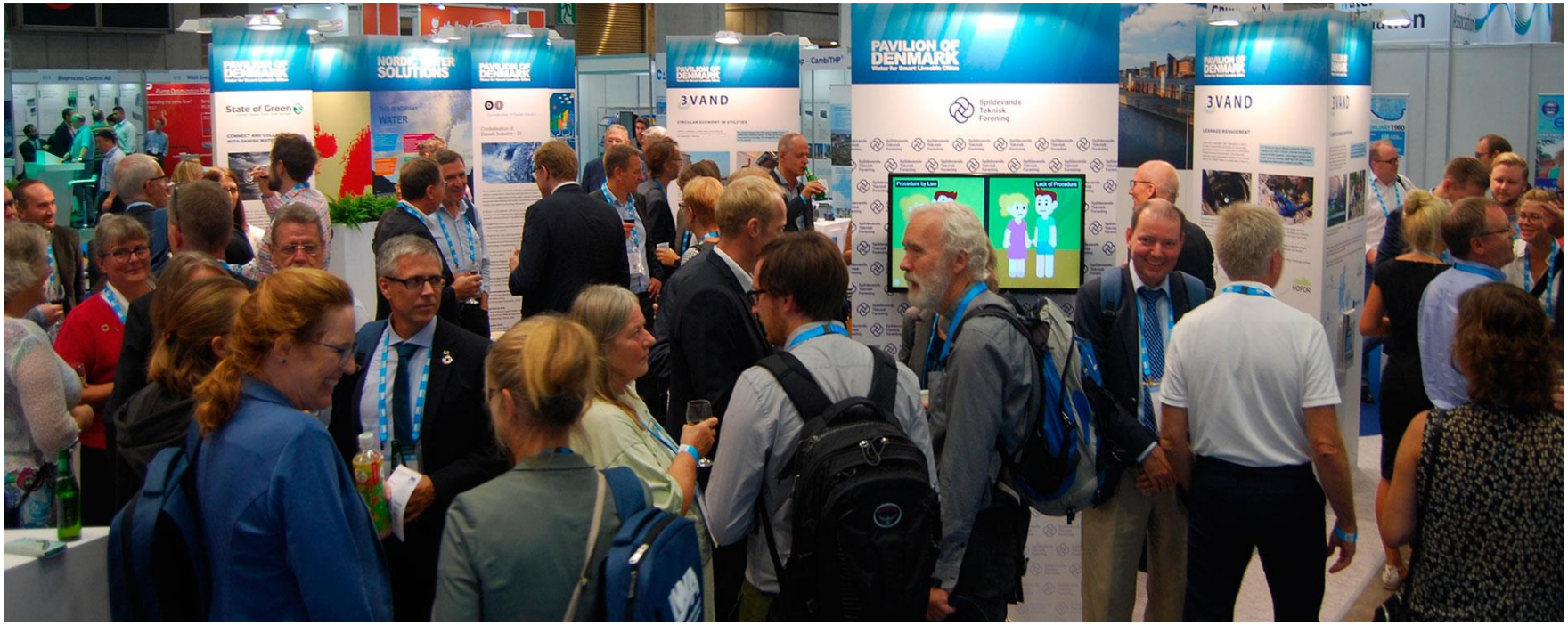


Wastewater Systems



Water and Health

IWA MEDLEMSFORDELE – HVORDAN KAN FORENINGEN BRUGES?



- Konferencer – deltagergebyr til medlemspris
- Specialistgrupper
- Adgang til unik viden irt. den globale dagsordenen, fx. Digital Water, klima, cirkulær økonomi

ET REGNEEKSEMPEL

Eksempel på medlemsskab:

Individual membership: 115 EURO for 1 år el. 207 EURO for 2 år

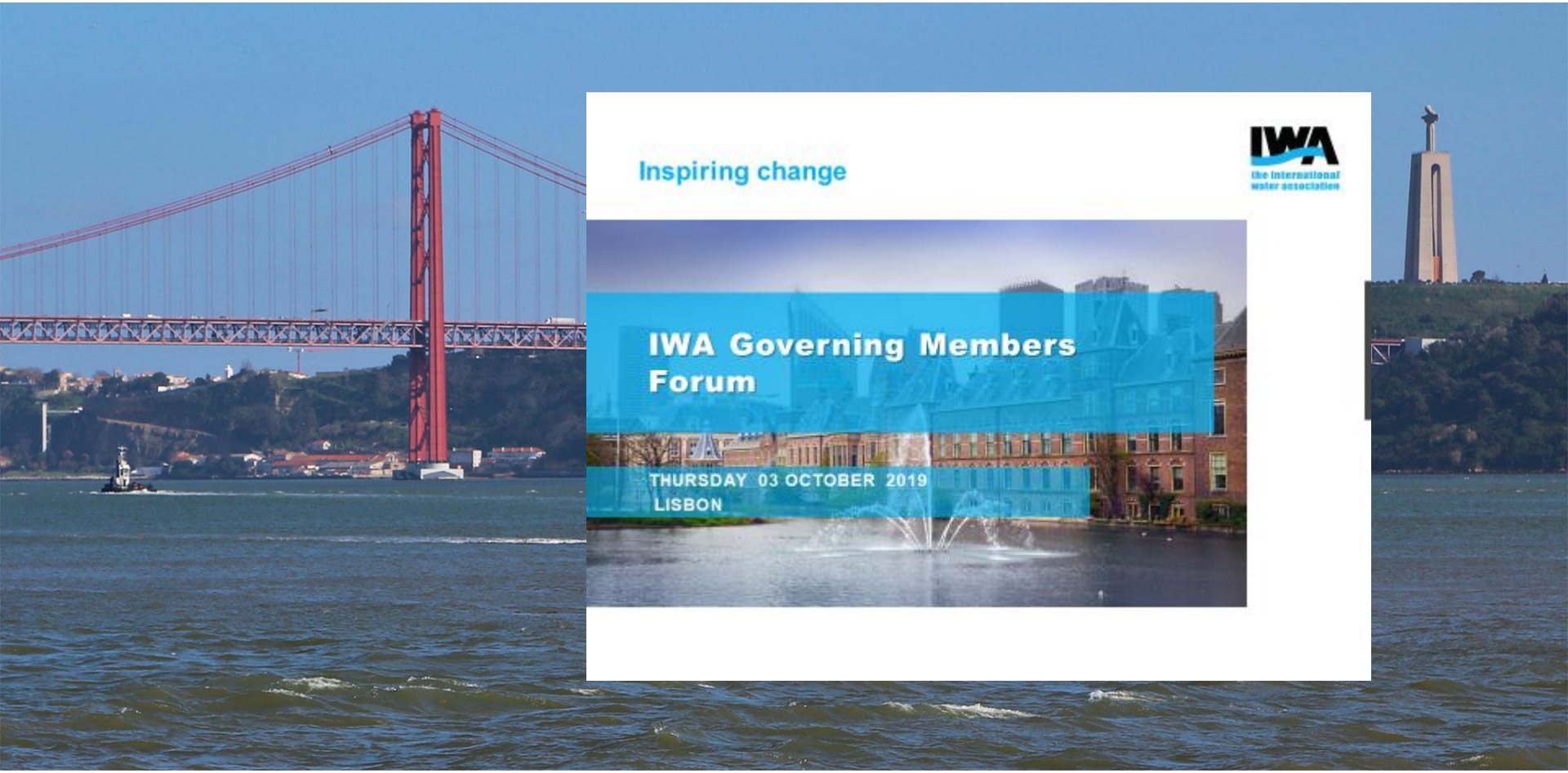
Corporate: 649 EURO /5 rep. 1593 EURO /12 rep.

- Det betyder konkret, at hvis man melder en virksomhed ind i IWA med et corporate medlemskab med 5 nominated representatives og tilmelder disse 5 nominerede til konferencen sparer man 401 EURO totalt på disse 5 tilmeldinger ift. fuld pris (Early bird) (efter at kontingentbetalingen er fratrukket)
- Ift. et individuelt medlemskab sparer man 210 EURO på super early bird ift. ikke medlemmer (dvs. 95 EURO når kontingent er fratrukket for 1 års medlemskab)

Læs mere på dette link: https://iwa-network.org/join/

IWA GOVERNING MEMBERS FORUM
3. OKTOBER I LISSABON

the international water association



GOVERNING MEMBER FORUM - OPEN FORUM DISCUSSION

the international water association

Guiding questions

a. **How can GMs** play a role in the transfer of knowledge from IWA and the international water community to their region and the local water community?

b. **How can GMs** provide knowledge and understanding of the challenges faced by or the best practice experience of the local water professionals from their region to IWA and the global water community?

c. **How can GMs** inform and influence the priorities and focus areas for IWA so that they are grounded in local reality.

IWA GOVERNING ASSEMBLY

- Tom Mollenkopf, Australien, blev valgt som ny præsident. Han overtager posten fra Diane D'Arras i oktober 2020.



VENUE: IWA WORLD WATER CONGRESS & EXHIBITION

- 2022: Toronto, Canada
- 2024: Indien (Delhi) eller Kina (Suzhou)



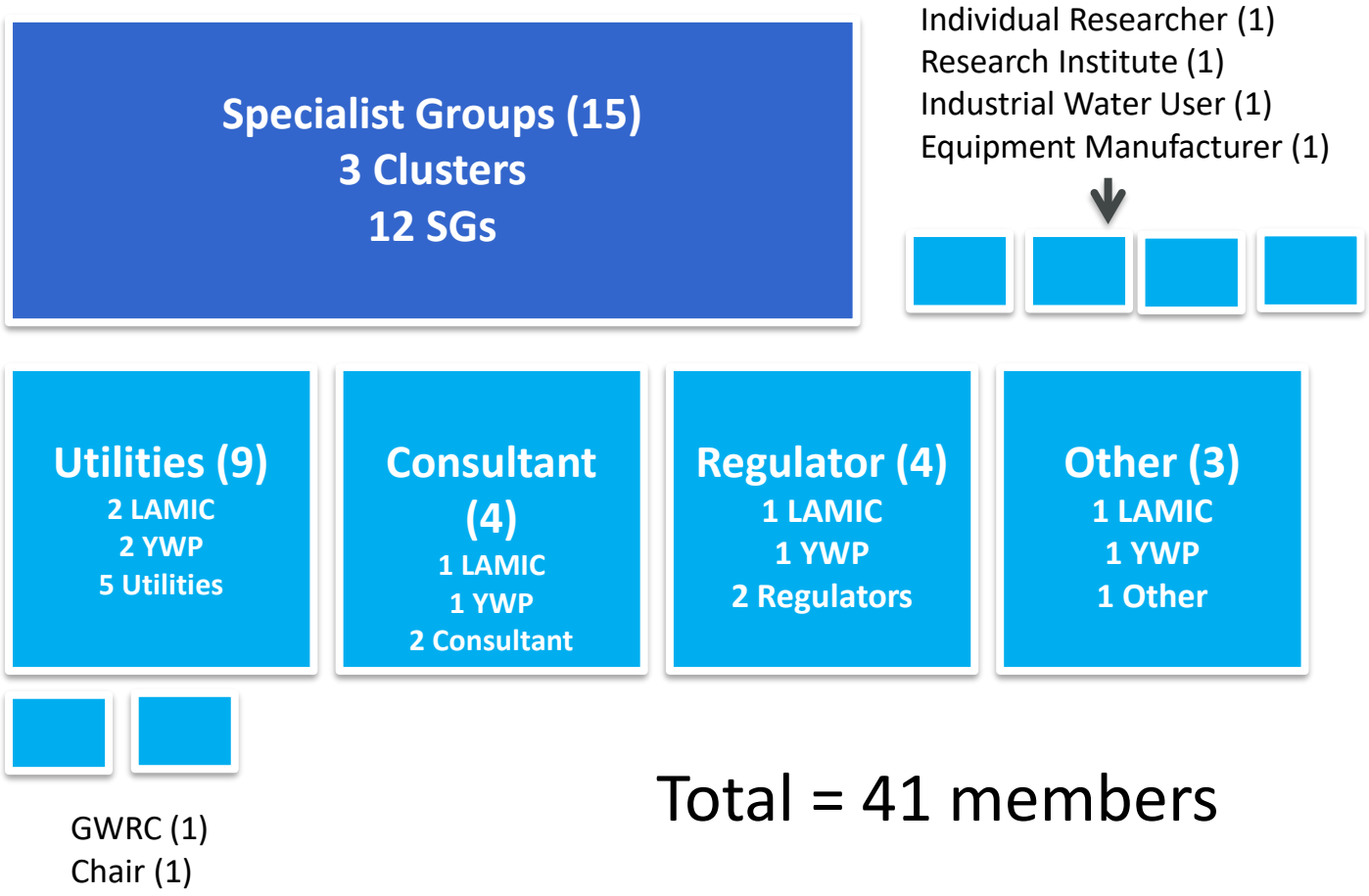
NYT IWA STRATEGIC COUNCIL



To danske repræsentanter: (ikke på billedet)
Trine Stausgaard Munk, Rambøll
Per Halkjær Nielsen, AAU

STRATEGIC COUNCIL SAMMENSÆTNING

Næste valg 2021, max periode 6 år



ØKONOMI – GODKENDELSE AF ÅRSREGNSKAB FOR 2018

the international water association

Resultatopgørelse

kr.	2018
Indtægter	
Kontingenter	136.000
	136.000
Omkostninger	
Kontingent til IWA	-37.929
Internationale IWA-møder	-42.331
WWC&E 2020 aktiviteter	-30.930
Sekretariats- og mødeudgifter	0
Gebyr m.v.	-1.597
Renter	-1.642
Revision	-10.000
Legatuddelinger	-14.000
Tilskud YWPDK netværk	-5.000
	-143.429
Årets resultat	-7.429

ØKONOMI – BALANCE

kr.	2018
AKTIVER	
Omsætningsaktiver	
Likvide beholdninger	270.098
Omsætningsaktiver i alt	270.098
AKTIVER I ALT	270.098
PASSIVER	
Egenkapital	
Kapitalkonto	252.056
Egenkapital i alt	252.056
Gældsforpligtelser	
Mellemregning DANVA	7.998
Øvrige skyldige poster	10.044
Gældsforpligtelser i alt	18.042
PASSIVER I ALT	270.098

FORVENTET REGNSKAB FOR 2019

	Note	Forventet 31.12.2019	Budget 2019
Indtægter			
Kontingenter		137.000	136.000
		137.000	136.000
Omkostninger			
Kontingent til IWA, (kurs 870,89)	1	-39.190	-40.000
Internationale IWA-møder		-14.973	-10.000
WWC&E 2020 aktiviteter	2	-53.078	-50.000
Sekretariats- og mødeomkostninger	3	-6.985	-2.000
Gebyr mv.		-1.202	-1.700
Renter bank		-1.550	0
Revision	4	-11.813	-10.500
Legatuddelinger	5	-52.102	-80.000
YWPDK netværk		-5.000	-5.000
		-185.893	-199.200
Årets resultat		-48.893	-63.200

BUDGET 2020

	2020	2019
Indtægter:		
Kontingenter	137.000	136.000
Indtægter i alt	**137.000**	**136.000**
Omkostninger:		
Kontingent til IWA	40.000	40.000
Rejselegat	50.000	80.000
Internationale IWA-møder	10.000	10.000
WWC&E 2020 aktiviteter	70.000	50.000
Young Water Prof. Netværk	5.000	5.000
Gebyr	1.700	1.700
Revision	10.000	10.500
Generalforsamling	2.000	2.000
Renter	2.000	
Omkostninger i alt	**190.700**	**199.200**
Resultat	**-53.700**	**-63.200**

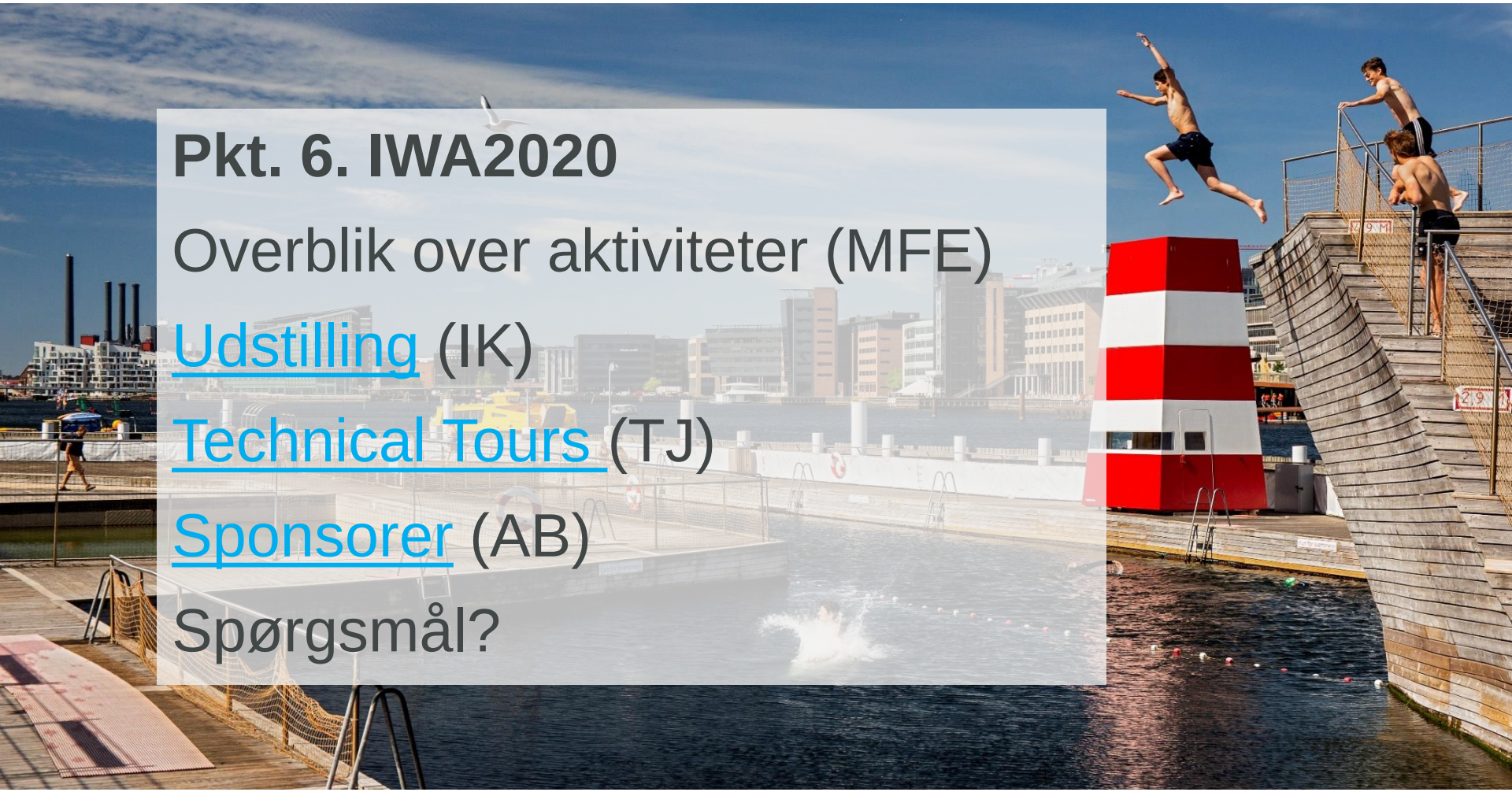
Revideret ift. udsendte

VALG TIL FORRETNINGSUDVALGET

Følgende opstiller til genvalg:

- Anders Bækgaard, Kongrespræsident IWA2020
- Peter Steen Mikkelsen, DTU Miljø
- Jes Clauson-Kaas, HOFOR
- Erik Bundgaard, Krüger
- Vibeke Borregaard, Spildevandsteknisk forening
- Ida Ruge-Andersen Friis, Danske vandværker
- Thor Danielsen, YWP

IWA WWC&E I KØBENHAVN 2020



Pkt. 6. IWA2020

Overblik over aktiviteter (MFE)

Udstilling (IK)

Technical Tours (TJ)

Sponsorer (AB)

Spørgsmål?

CALL FOR CONTENT

1995 abstracts i alt

Det største antal nogensinde

Heraf danske:

285 præsentationer

65 workshop (ud af totalt 219)

Nu op til en international programkomité

(4 danske repræsentanter)



Godt samarbejde

Månedlige møder

IWA International + formal host (IWA-DK + DANVA)

IWA Programme Committee

Joint Operating Committee (JOC)

HCC steering Group (local organizing committee)

Host Country Committee - HCC
Linking to the Danish Water Sector

JOC: :



Joao Grilo
Global Events Director



Roy Agterbos
Exhibition



Anders Bækgaard
Congress President



Helle Katrine Andersen
Chair of IWA Denmark



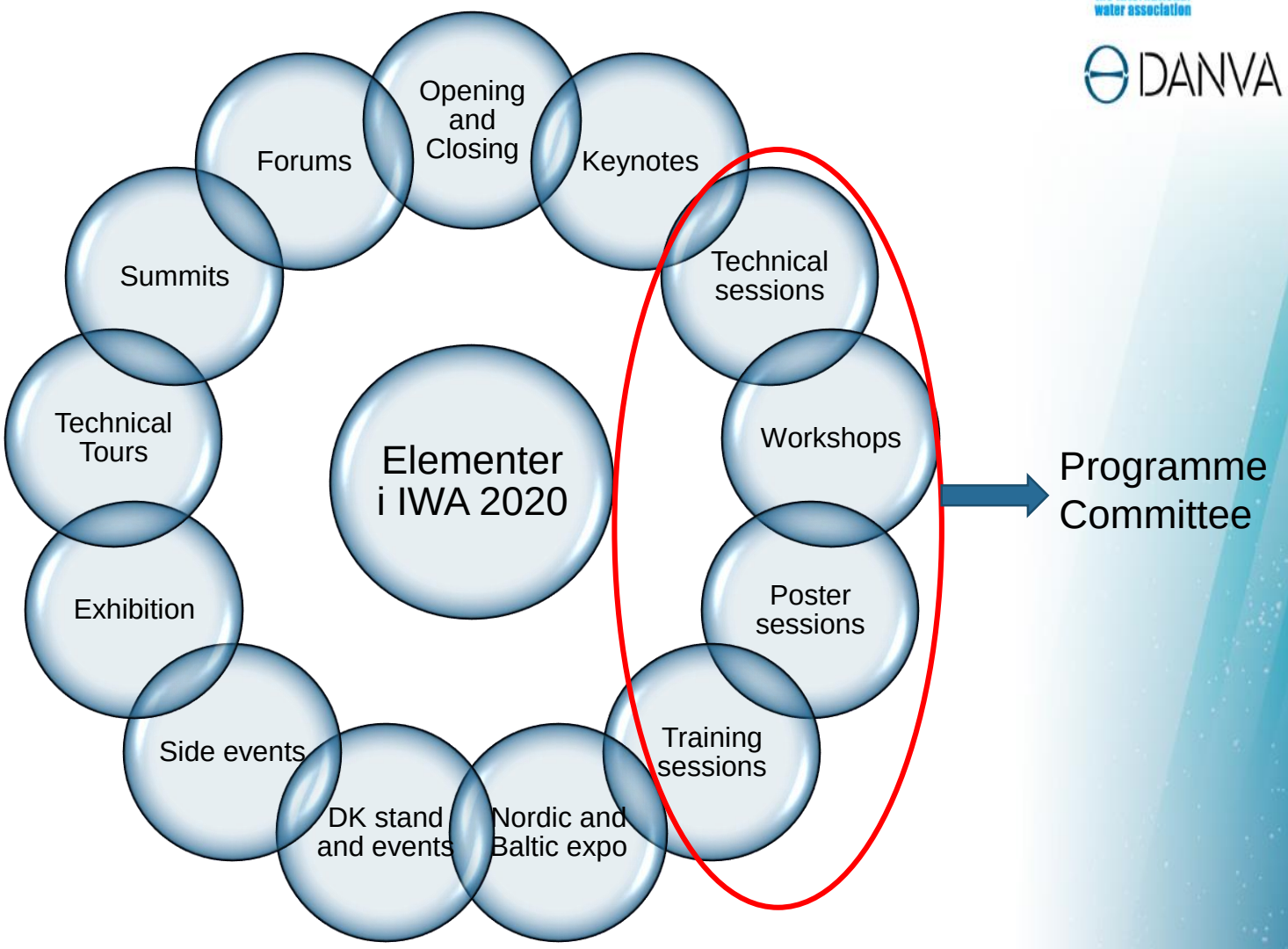
Peter Steen Mikkelsen
Member of IWA-Denmark board

More than 120 people

STYREGRUPPEN



Helle Katrine Andersen, IWA-DK / DANVA
Anders Bækgaard, IWA-DK
Brian Hansen, HOFOR
Ilse Korsvang, DWTG
John Buur Christiansen, BIOFOS
Jørn Jespersen, Dansk Miljøteknologi
Karin Klitgaard, DI
Lykke Leonardsen, Københavns Kommune
Miriam Feilberg, DANVA
Nadia Lund, Young Water / Vandcenter Syd
Peter Steen Mikkelsen, DTU Environment
Tanya Jacobsen, State of Green
Vibeke Borregaard, Spildevandsteknisk Forening / Krüger
Birgitte Skjøtt, sekretær, IWA-DK


Opening and Closing
Forums
Keynotes
Summits
Technical sessions
Technical Tours
Elementer i IWA 2020
Workshops
Exhibition
Poster sessions
Side events
Training sessions
DK stand and events
Nordic and Baltic expo
Programme Committee

UGENS FORLØB 18.-23. OKTOBER 2020

Ugens forløb ud over sessioner og workshops					
Søndag	**Mandag**	**Tirsdag**	**Onsdag**	**Torsdag**	**Fredag**
Opening session	Keynote	Keynote	Keynote	Keynote	Technical tours & post-congress training
Keynote	Forum	Forum	Forum	Forum	
	Summit	Forum	Forum	Closing session	
	Keynote	Keynote	Keynote	Keynote	
	Technical tours	Technical tours	Technical tours	Technical tours	
Welcoming reception		Project Innovation Awards	Cultural Evening	Gala dinner	

CONGRESS ELEMENTS

- Technical/Scientific sessions incl. (based on submissions to “Call for content”) (minimum 3 oral presentations per slot)
- Poster sessions
- Workshops (based on submissions to ”Call for content”) (1 / slot)
- Training sessions (based on submissions to ”Call for content”) (1 /slot)
- Political SDG Water for Smart Livable Cities Summit (”10 years to go”) (ministers, mayors, etc. (3 slots)
- Key notes (8 morning & afternoon each day)
- Special sessions for
  - Water for Smart livable Cities, (number of slots not decided) workshops
  - Digital Water (based on submissions), (number of slots not decided)
  - Innovation (based on submissions), (number of slots not decided)
- Forums
  - Utility Leaders (2 days, 6 slots),
  - Large water users (1 day, 3 slots)
  - Emerging water leaders (YWP),
  - CR Groundwater Forum (1 day, 3 slots)
  - Regulators (1 day, 3 slots)

CONGRESS ELEMENTS

- Exhibition – including
  - Business seminars
  - Presentations at the Danish pavillon
  - Operational Challenge
- Technical tours
  - Daily: 2 / day, Friday (Sjælland) and Friday-Saturday (Fyn/Jyllandstur)
- Other events
  - Copenhagen Municipality & HOFOR Master Class on Climate Change
  - VIA University College: Water Camp 2020
  - Side events (School Class Campaign, mm. …..)
- Evening programmes
  - Sunday, Welcome Reception
  - Monday, Something related to the political Summit and YWP Dinner
  - Tuesday, Project Innovation Awards
  - Wednesday, Cultural Evening
  - Thursday, Gala Dinner

Bliv end del af

IWA World Water Congress & Exhibition 2020

– og bliv set

Sponsorater:

- IWAs sponsorpakker:
  (Principal, Platinum, Gold, Coffee Break, App., Galla Dinner, PIA Award evening
- IWA DKs Supporting Entities
- Operational Challenge
- IWA World Water Camp
- Skoleprojektet (Biofos og HOFOR)



YOUNG WATER PROFESSIONALS DK



v. Thor Danielsen, HOFOR

YWP KONFERENCE I TORONTO

v. Ines Breda, Silhorko-Eurowater.



REJSELEGATMODTAGERE

Ansøger	Formål	Beløb
2019:		
Miriam Peces Aalborg Universitet	8th IWA Microbial Ecology and Water Engineering (MEWE) 17.-20. november i Hiroshima, Japan	7.000 kr.
Caitlin Singleton Aalborg Universitet	8th IWA Microbial Ecology and Water Engineering (MEWE) 17.-20. november i Hiroshima, Japan	7.000 kr.
Dorottya Wágner Aalborg Universitet	8th IWA Microbial Ecology and Water Engineering (MEWE) 17.-20. november i Hiroshima, Japan	7.000 kr.
Jannie Munk Kristensen Aalborg Universitet	8th IWA Microbial Ecology and Water Engineering (MEWE) 17.-20. november i Hiroshima, Japan	7.000 kr.
Chenjing Jiang Aalborg Universitet	8th IWA Microbial Ecology and Water Engineering (MEWE) 17.-20. november i Hiroshima, Japan	7.000 kr.
Jan-Michael Blum EnviDan	VA-Yngre seminar i Trondheim 9.-10. april 2019 (Nordisk YWP-samarbejde om IWA2020)	5.102 kr.
Ines L. Breda Aalborg Universitet / Skanderborg Forsyning	IWA Young Water Professionals konference Toronto, Canada, 23.-27. juni 2019	7.000 kr.
Anders Hald Vestergaard Den danske ambassade i London (praktikant)	Viva Technology konference Paris den 16.-18. maj 2019	5.000 kr.

REJSELEGAT KRITERIER

Kriterier ændret:
Fremover kan der kun ydes rejselegat til højst
to ansøgere fra samme organisation, der skal deltage i samme konference.



NORDIWA
NORDISK SPILDEVANDSKONFERENCE

the international water association



Vellykket konference i Helsinki den 23.-25. september 2019

NORDISK SAMARBEJDE OM IWA2020



Norsk Vann og IWA's nationalkomite i Norge er aktive medspillere.

Watermatex 2019

http://www.watermatex2019.org/

the international water association



Scientific topics

- (Bio-)chemical process modelling
- Separation processes modelling
- Resource recovery
- Drinking water systems
- Sewer networks
- Receiving water systems
- Plant-wide and integrated assessment
- Holistic evaluation (LCA, circular economy and socio-economic aspects)
- Benchmarking
- Decision support systems
- Climate-water-energy-food nexus
- Uncertainty, sensitivity and risk analysis
- Automatic control
- Sensors and monitoring
- Computational fluid dynamics
- Big data and machine learning
- Digitalization of water

Peter S. Mikkelsen: Lad vand og data strømme, DTU Science Park Åben Event

EVENTUELT



IWAs tidsskrift oktober:

- Utilities
  [Denmark's water utility SDG agenda for change]
- Water and wastewater utilities in Denmark have taken a lead in the country working to integrate the UN Sustainable Development Goals into their core business. **Miriam Feilberg** looks at progress and the active support given by DANVA, the Danish Water and Wastewater Association.
- [Read more...]