

# The GYA and the European Young Academies on the SDGs

IAP/EASAC Workshop “Implementing the UN Sustainable Development Goals:  
How can academies help?”

11 September 2018, Leopoldina, Halle/Saale, Germany

Moritz Riede (past GYA Co-Chair/Univ. of Oxford)



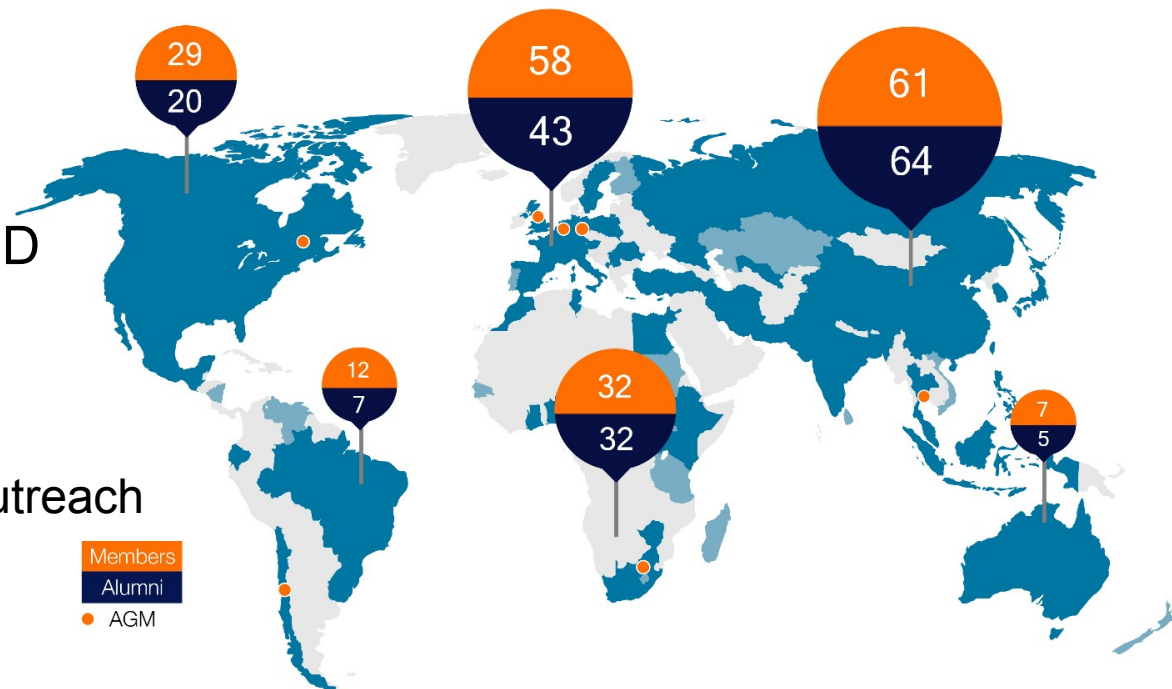
Leopoldina  
Nationale Akademie  
der Wissenschaften





# Overview of the GYA

- 200 members & 216 alumni from 83 countries
- All disciplines
- Admission ~3-7y post PhD
- Selection criteria
  - Research excellence
  - Commitment to service/outreach
- 5y membership





## **Give young scientists around the world a voice**

- Empower outstanding early-career researchers to lead international, interdisciplinary and intergenerational dialogue, both with each other and with external stakeholders
- Develop, connect and mobilise young talent from all continents
- Promote reason and inclusiveness in global decision-making

**➔ Create a better world**



## 1) Capacity building among early stage researchers



...

## 2) Addressing topics of societal relevance



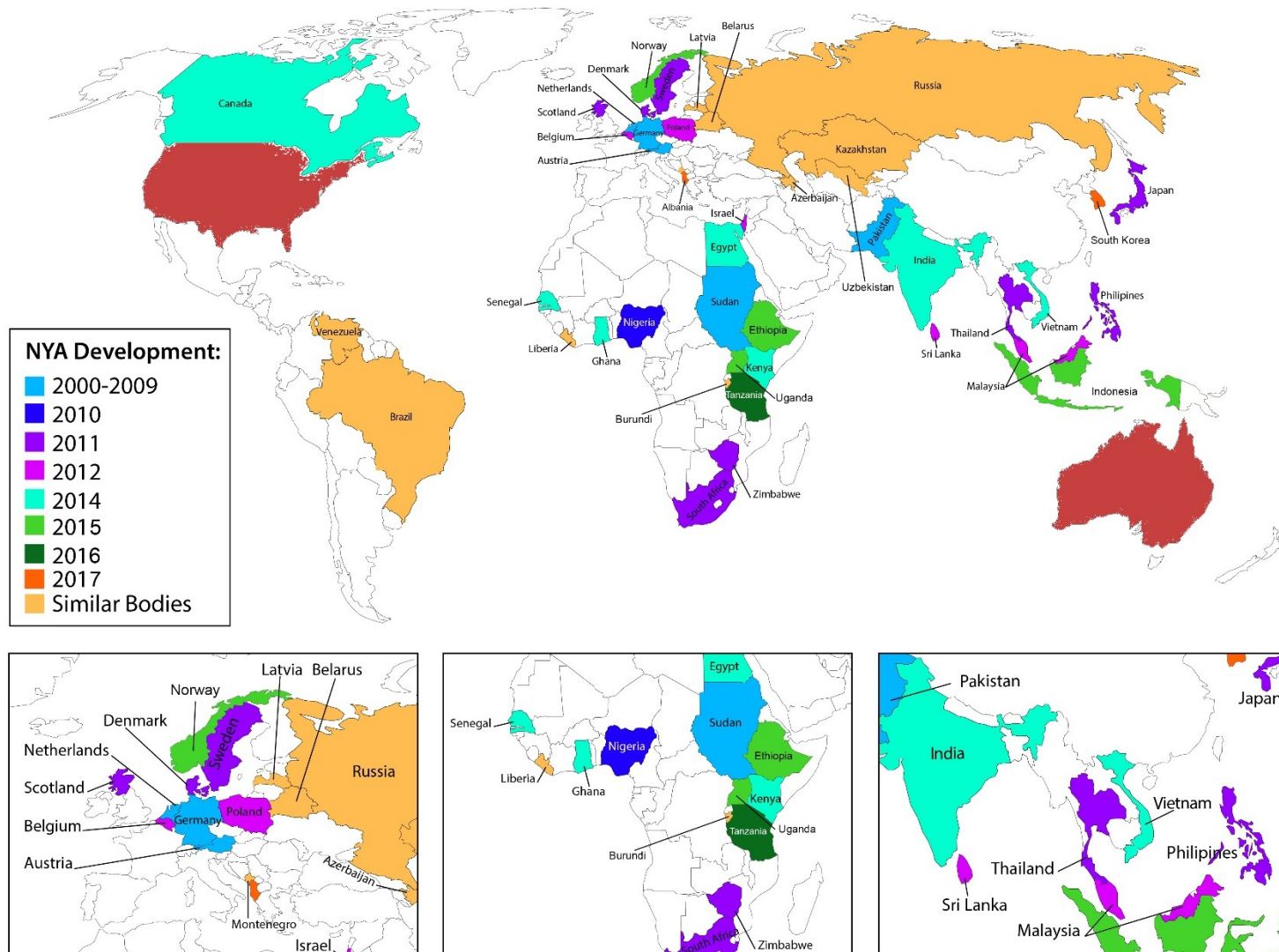
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➔ Be a network, creative engine, peer-mentoring resource, and convenor

➔ Lead and advice for change



# National Young Academy Development 2000-2018





## **Statement: The Role of Young Academies in achieving the UN SDGs**

### **Key identified areas for engagement:**

- Policy Advice:  
Focusing on societal challenges, embracing diversity (cultural, disciplinary, gender, etc.) and connecting scientists across borders using our regional and global networks
- Science Communication and Outreach:  
Raising awareness and understanding of SDGs to different stakeholders within their nations and regions
- Capacity Enhancement for Young Scientists and Young Academies:  
Making the policy process more familiar to young scientists and YA members

For more details and SDG activities, see: <https://globalyoungacademy.net/sdgs/>





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Signatories of the Statement include



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RSC  
The Royal Society of Canada  
The Academies of Arts,  
Humanities and Sciences  
of Canada



SRC  
La Société royale du Canada  
Les Académies des arts,  
des lettres et des sciences  
du Canada



Statement: 1

the UN SDGs

Key identified

- Policy Adv  
Focusing on  
gender, etc  
global netw
- Science C  
Raising av  
within their
- Capacity E  
Making the



האקדמיה הצעירה הישראלית  
الأكاديمية الفتاة الإسرائيلية  
THE ISRAEL YOUNG ACADEMY

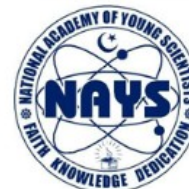


KAST  
Young Korean Academy of  
Science and Technology



YOUNG SCIENTISTS  
NETWORK  
MALAYSIA

Akademiet for yngre forskere  
The Young Academy of Norway



AMU  
Akademia Młodych Uczonych  
POLSKA AKADEMIA NAUK

RSEYOUNG  
ACADEMY  
OF SCOTLAND

SVERIGES UNGA AKADEMI



For more details,





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# Science Outreach & Education

EXPEDITION

MUNDUS

by



Now also in EN, DE, SV, ID, HE, AR;  
translated by NYAs and GYA



Czajkowska-Szczykowska & team

by



AKADEMIA MŁODYCH UCZONYCH  
POLSKA AKADEMIA NAUK



by



by



SVERIGES UNGA AKADEMI





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# NYAs and GYA: Science Advice and Partnerships



JRC Horizon Scanning 2014



Smart Villages Initiative 2015-2017



G7 2016



Biosecurity Workshop 2017



EC HLG SAM 2018



UN HLPF 2017



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European Academies  
**ea sac**  
Science Advisory Council



2018

future<sup>earth</sup>  
research for global sustainability

**CIFAR**

**AAAS**  
*twas*



**iap** SCIENCE  
RESEARCH  
HEALTH  
the interacademy partnership



International  
Science Council  
The global voice for science



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# Get/Stay in Touch

Homepage:

[www.globalyoungacademy.net](http://www.globalyoungacademy.net)

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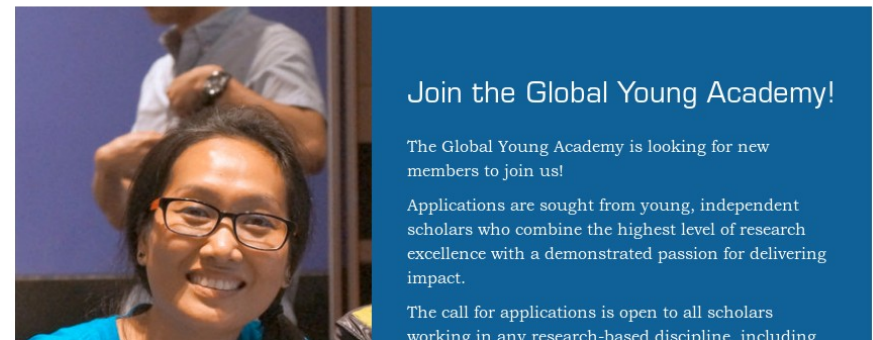
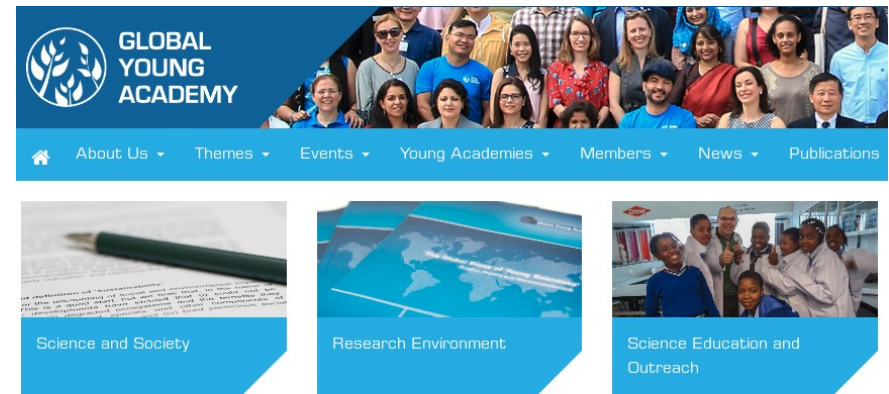
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- **Leopoldina** – Continuous support of the GYA, incl. hosting the GYA Office since 2017, GloSYS project, various AGMs, further meetings and more
- **Interacademy Partnership (IAP)** – Continuous support of the GYA, incl. co-funding the AGMs (mainly travel), PR and networking activities, Solid Waste Management project (2016) and more
- **The German Federal Ministry for Education and Research (BMBF)** – Core-funding (2014-20), GloSYS project (since 2013)
- **Volkswagen Foundation** – GYA seed-funding (2011-2013), project funding for the GloSYS workshop, funding for Worldwide Meeting of Young Academies (2017), DIY synthetic biology workshop (2017)
- **STI / NSTDA Thailand** – GloSYS ASEAN project (2014), ASEAN Science Leadership Programme (2016), AGM 2018, Bio2Bio WG @ WSSF (2018)
- **Bosch Foundation** – African Science Leadership Programme (since 2015), regional conferences (2014 and 2016)
- **Moore Foundation & Burroughs-Wellcome Fund** – AGM 2018
- Various national academies or other donors – hosting and co-funding the AGMs, various activities and other meetings