

# **IAP Project “Food and nutrition security and agriculture”**

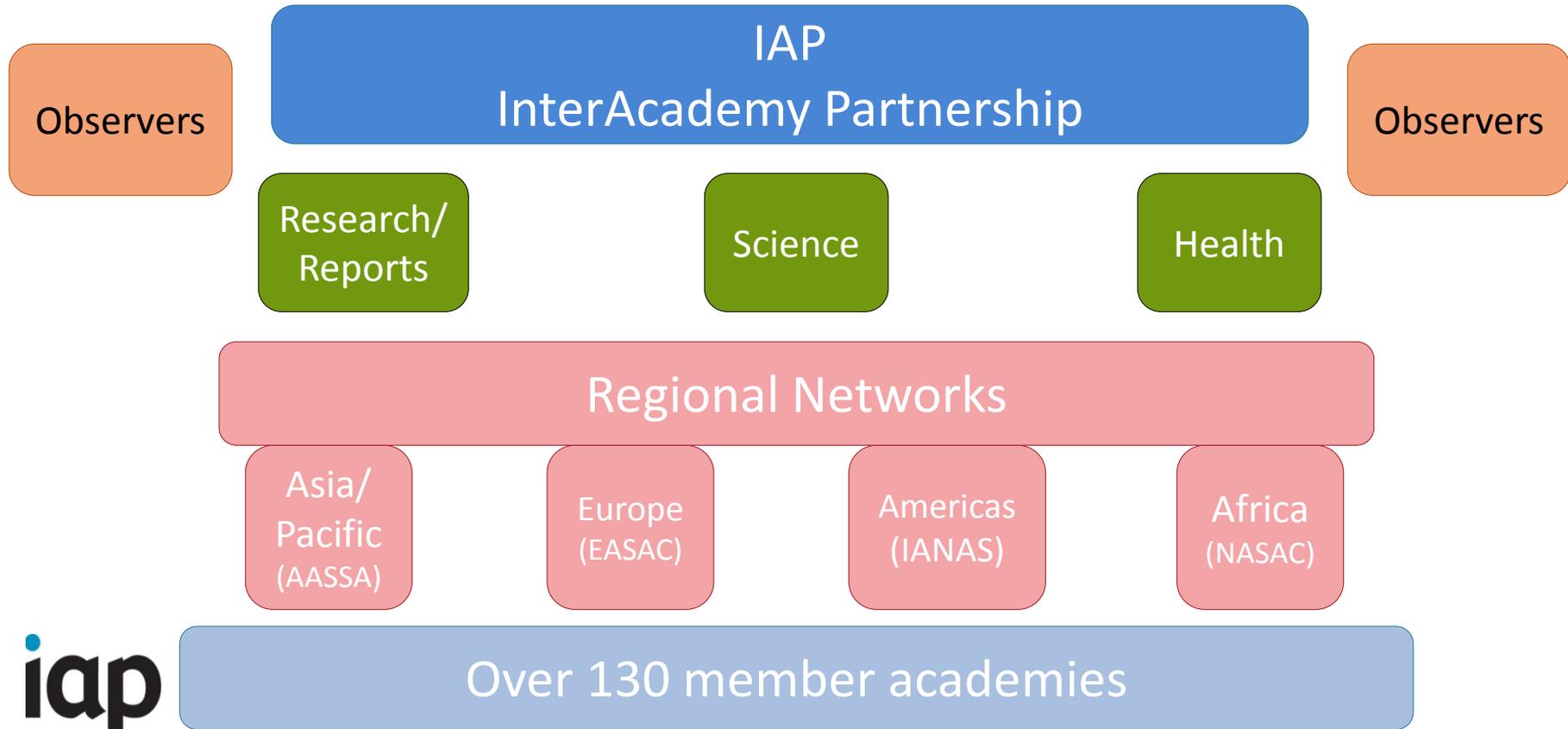
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1. IAP and objectives for the project
2. Current status
3. Tasks for our plenary meeting
4. Actions and timings for next steps

# The Global Network of Science Academies

## New Structure



## Strategic objectives for IAP

- To provide evidence-based policy-relevant science, health, engineering and technology advice and perspectives on global issues
- To strengthen the global scientific enterprise
- To champion science education and work towards a scientifically literate global citizenry
- To develop and strengthen the global network of science academies

# IAP general objectives for our project

- Opportunity for academies worldwide to work together to share good practice, generate critical mass
- Building resources, clarifying mutual interests, delivering strong messages to policy makers and others
- Drawing on best science from all relevant disciplines and experience of different contexts
- Ensuring IAP contribution is distinctive and adds value to work done by many other groups
- Recognising regions may identify different solutions to shared problems. This is an advantage of IAP – to explore regional differences and similarities so as to inform discussion and decisions worldwide
- Establishing a model for future IAP projects

IAP project proposal November 2014  
Approved by IAP Executive Committee

Feedback from regional academy networks to  
constitute IAP expert group

European  
preparatory planning

Project kick-off meeting with expert group  
Halle, Germany, June 2015

Working  
Group Africa

Working Group  
Americas

Working  
Group Asia

Working  
Group Europe

Regional launch  
meetings +  
policy contacts

4 parallel regional activities: meetings etc  
4 regional reports

Global collective discussion of regional outputs

With expert group, IAP synthesis of issues,  
analysis, conclusions

IAP global report and follow-up

Global policy contacts  
All academies  
Other key stakeholders  
Public engagement

## IAP core activities

- Project secretariat
- Identify and engage customers
- Quality assurance: standards for procedures and outputs

## Regional academy network activities

- Securing experts for kick-off meeting
- Contributing/agreeing planning for roadmap
- Establishing working groups and reports
- Running regional workshops and responsibility for regional outputs
- Contributing to IAP global discussion

## **IAP template for common themes in project “Food and Nutrition Security and Agriculture”**

- 1. What are key elements to cover in describing national/ regional characteristics for FNSA?**
- 2. What are major challenges/opportunities for FNSA and future projections for the region?**
- 3. What are strengths and weaknesses of S&T at national/ regional level?**
- 4. What are the prospects for innovation to improve agriculture (e.g. next 25 years) - at the farm scale?**
- 5. What are the prospects for increasing efficiency of food systems?**

- 6. What are the public health and nutrition issues, particularly with regard to impact of dietary change on food demand and health?**
- 7. What is the competition for arable land use?**
- 8. What are other major environmental issues associated with FNSA – at the landscape scale?**
- 9. What may be the impact of national/regional regulatory frameworks and other sectoral/inter-sectoral public policies on FNSA?**
- 10. What are some of the implications for inter-regional/global levels?**

## Where are we now? Key activities since start of IAP project

- *June 2015* kick-off meeting agreed format with 4 parallel regional Working Groups
- *February 2016* regional leads' project meeting in Hermanus to review initial steps and finalise IAP template
- *2016-2017* parallel work by the 4 groups: AASSA, EASAC, IANAS, NASAC
- *April 2017* Halle plenary review of progress and discussion of next steps for regional and global phases

# Tasks for our plenary meeting - Regional

- Presenting on status of each of the regional activities
- Assessing what remains to be done to finalise regional outputs
- Discussing how these outputs will be used at the regional level – who are the main audiences?
- Exploring similarities and differences within and between regions and inter-regional implications

# Tasks for our plenary meeting - Global

- Building on regional perspectives and preparing for IAP synthesis phase: what consensus key messages have emerged from the regional work to inform the inter-regional and global considerations?
- What are the policy-relevant disparities between regions? Is there evidence available to clarify differences and what is the research agenda needed to fill knowledge gaps and understand regional policy differences?
- Is the IAP 2016 global template still an appropriate guide for the global phase work – what should be modified?
- Who should be the policy and other customers and how should IAP engage with them?
- What else is underway worldwide that we need to be aware of?

# Programme for our plenary

- Regional update:
  - Presentations from AASSA, EASAC, IANAS, NASAC and discussion
- Preparing for the IAP global phase:
  - Regional breakout sessions on IAP template themes: using the conclusions from the regional Working Groups to advise on priorities to incorporate, needs to emphasise and evidence to use, in the global phase – to capitalise on scientific opportunities
  - Reporting back to plenary and collective discussion on way forward
- Time also scheduled, when needed, for:
  - External perspective (from European Commission)
  - Further general discussion of emerging points and how to address
  - Regional network discussion of remaining tasks
  - Discussion of logistical options for global phase work
  - Sharing good practice in communicating with policy makers

## Progressing the IAP global phase template: inputs requested from regional breakout session 1

- What are the key elements to cover in describing FNSA?
- What are the major opportunities and challenges and future projections?
- What are the strengths and weaknesses of S&T?
- What are the prospects for innovation to improve agriculture at the farm scale?
- What are the prospects for increasing efficiency of food systems?

## Progressing the IAP global phase template: inputs requested from regional breakout session 2

- What are the public health and nutrition issues?
- What is the competition for land use?
- What are other major environmental issues associated with FNSA – at the landscape scale?
- What is the impact of regulatory frameworks and sectoral/inter-sectoral policies
- Are there other implications for inter-regional and global levels?

## Any questions and comments?

- About our tasks this week?
- Have we inappropriately omitted anything?
- About objectives, scope, content of the global phase and how to proceed?
- About the remaining timetable (to 2018)?
- On whether the roadmap design is a reasonable model to use again for future IAP projects?