

The Importance of Networking



International Association for the Mechanization of Field Experiments
Global Head Office . Qingdao Ag University
A non-profit organization founded in Norway in 1964.
Members and contacts >120 Countries and Branches in 10
Founder: Prof Egil Oyjord, Norway



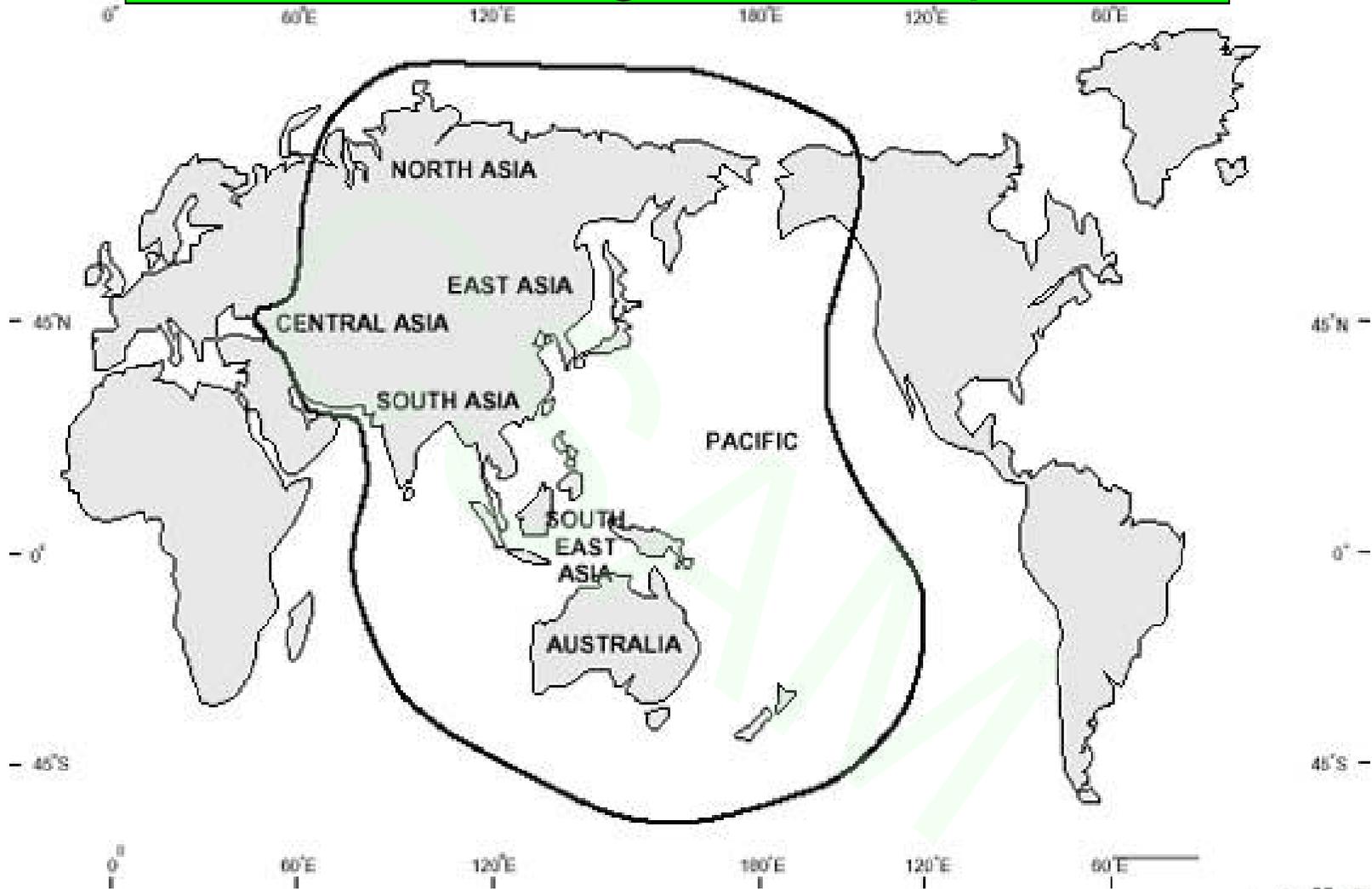
Promoting Sustainable Development of Agricultural Mechanization in the Asian-Pacific Region:

“Taking A Global Perspective”

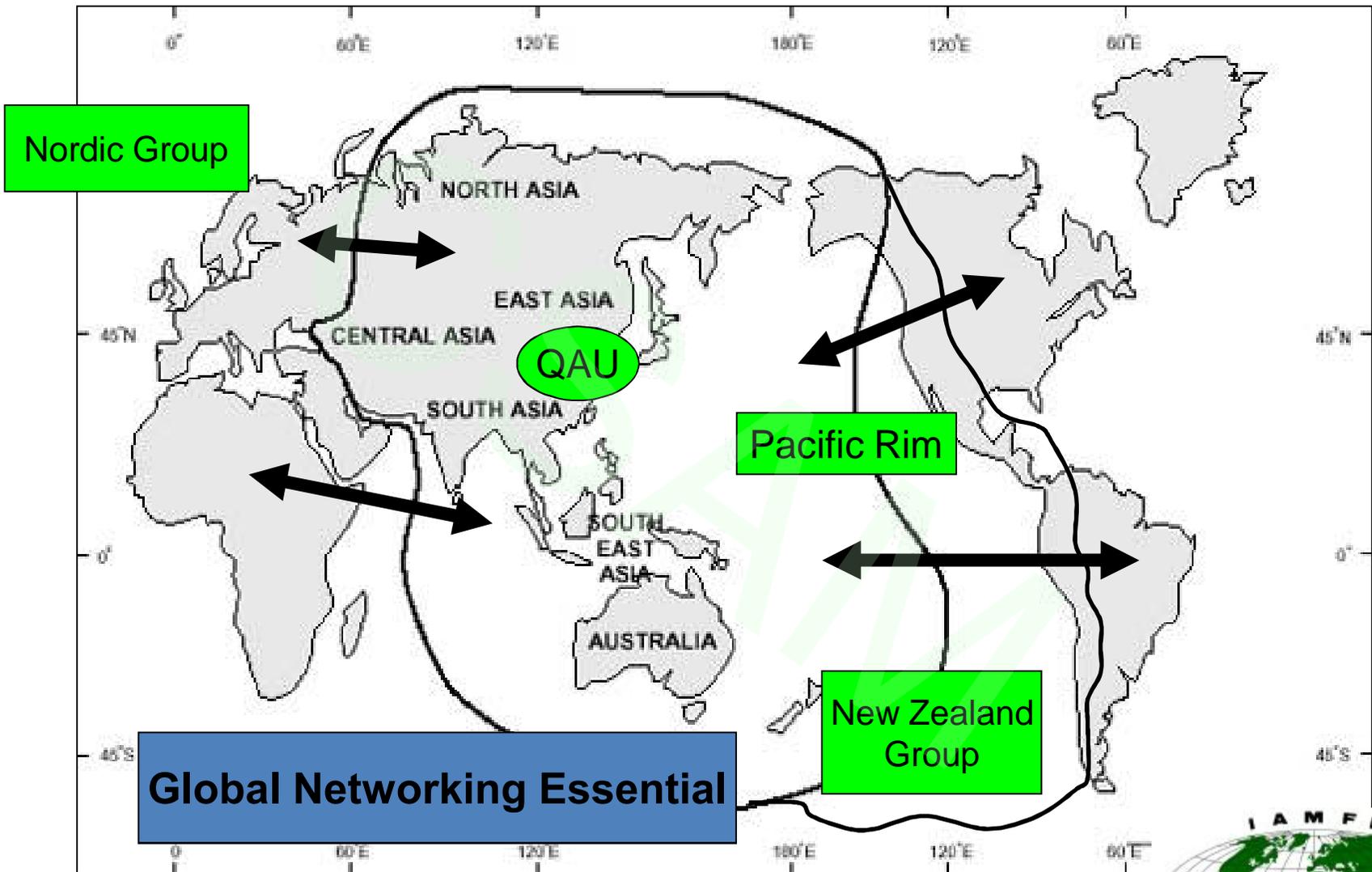
Dr John Stevens, Prof and Dean Shang Shuqi,
Prof John Hampton, Prof Richard Hopkins,
Mr Torbjorn Leuchovius, Mr Alan Marshall



Traditional Regional Perspective



Our Global Perspective



Key Points for Improved Sustainability / Food Security

- “ Regional and global networking year-round on basis of agro-ecological overlap / analogues for:
 - . Promoting and facilitating end user contact networks that involve using integrated Seed, Machinery and Livestock chain - value added (pyramid) approaches
 - . Rationalization and modularization of components / parts / components across brands, end uses and economies (lights, wheels, bearings, chain, sprockets)
 - . Highlight advanced component manufacture – for example casting and machining seed drill parts
 - . Mandated focal points to bring science, parts and production closer together – “hands on”
 - . ***Flexiseeder is a good working example of this ...***

Flexiseeder 2000 -2013 (all IAMFE Members)

- “ Commercial product – Modular plot drills & farm drill components – mixed and matched across brands / economies / seed, machinery and livestock chains
- “ New and existing technologies up-graded and offered back to suppliers
- “ Nordic – NZ (year round activities) with outreach, including China where many parts sourced and voluntary student training given
- “ Basic frame design placed in trust – including selected coulters equally suited to reduced tillage in emerging, transitional and developed economies
- “ Selected elements / modules retained for commercial production including technical back-up

Range of Applications – seed / machinery / livestock chains

- “ Tropical, Sub-tropical, Temperate, Mediterranean, Continental, Sub-arctic, Antarctic ecologies
- “ Crop improvement / seed industry at all levels including breeding, cultivar identification, development and maintenance - including accelerated seed increase & commercial seed production
- “ Applied global and local agro ecology – mixing / matching cultivars, crops, equipment, projects and programmes - sequential approach - *bridging dev, trans and dev econ*
- “ Agricultural mechanization particularly seeding into difficult environments - traditional, reduced and zero tillage (plot - small scale and farmer machines)
- “ Project identification, documentation, fund raising, start-up monitoring and evaluation, training at all levels, emergency relief, rehabilitation and development support

Ready for New Investors

- “ Financial, management, co-ordination ...
handing over to next generations
- “ Technology – At EXPO saw many new
modules, components and complete items
which would fit in well to Flexiseeder range
targeting E,T,D economies.
- “ Mentoring / training / philanthropy /
commercial / education
- “ On-line shop

Present Structure

- “ Flexiseeder Ltd – family company/ major funding and risk taking entity for group
- “ Swedish Ag University and Lincoln University Seed Research Centre lesser financial supporters
- “ Core educational / extension – outreach base of which QAU is a “Five-Star” shining example.
- “ Regional / global portfolio of end users and contracted suppliers – many small family entities – max use of “off the shelf parts”

***My Work Experience - 25* countries over 39 years, excluding general travel – a basis to lead**

- “ Nordic Group 2004, 2008, on-going annual visits
- “ Bangladesh 2010 (Chittagong Hill Tracts)
- “ Iran 2010
- “ Korea 2010
- “ Switzerland 2008
- “ Russia 2004
- “ Afghanistan 1988 – 1994, 2008
- “ Kyrgyzstan 1996, 2000
- “ England 2000
- “ Pakistan 1990, 1988, 1985-1987, 1980-1981
- “ Cambodia 1992, 2006
- “ Indonesia 1998, 2005
- “ China 1998, 1999, 2000, 2001, 2011, 2012
- “ Myanmar 1998
- “ Bosnia 1997
- “ Ethiopia 1994, 95, 96
- “ Nepal 1989, 1990, 1991, 1995, 1996
- “ Croatia 1994, 1995, 1996
- “ Somalia 1993
- “ Yugoslavia 1988
- “ Mexico 1985, 1986, 1987
- “ USA 1982-85
- “ Peru 1976-79
- “ Antarctica 1974-75
- “ New Zealand 1972-74 / 1992-Present

Institutions Worked for / Contracted to: WB; UN agencies including UNDP, FAO, UNHCR, WFP, UNOPS; ADB, CIMMYT, EU, NZ Govt; NGOs

1970s



Pasture Improvement
Legumes



Full Cycle!



2012 / 13



