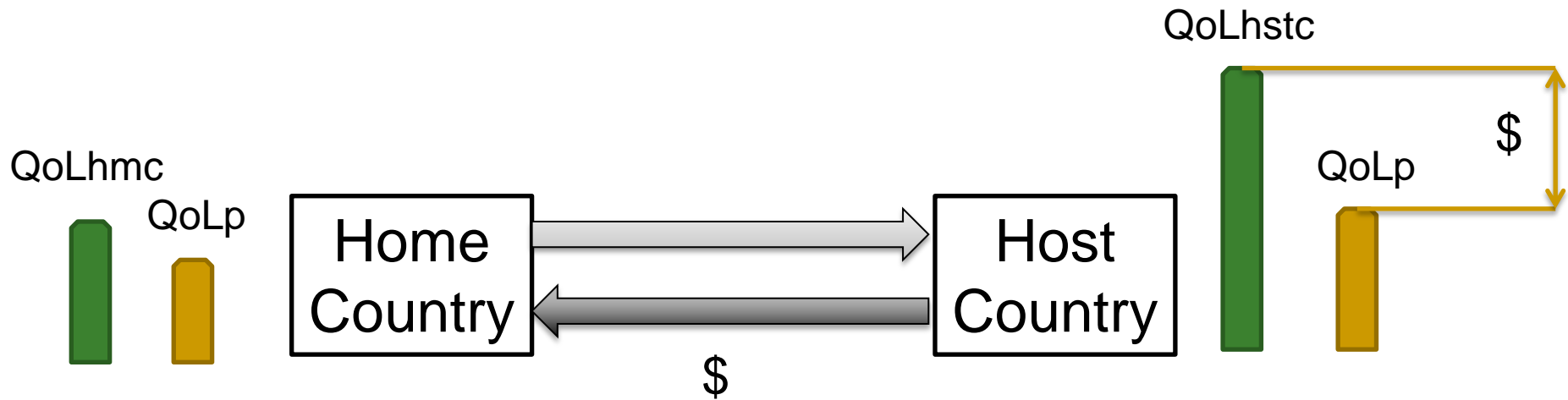


Scientific Disapora Networks - Bridging the Gaps

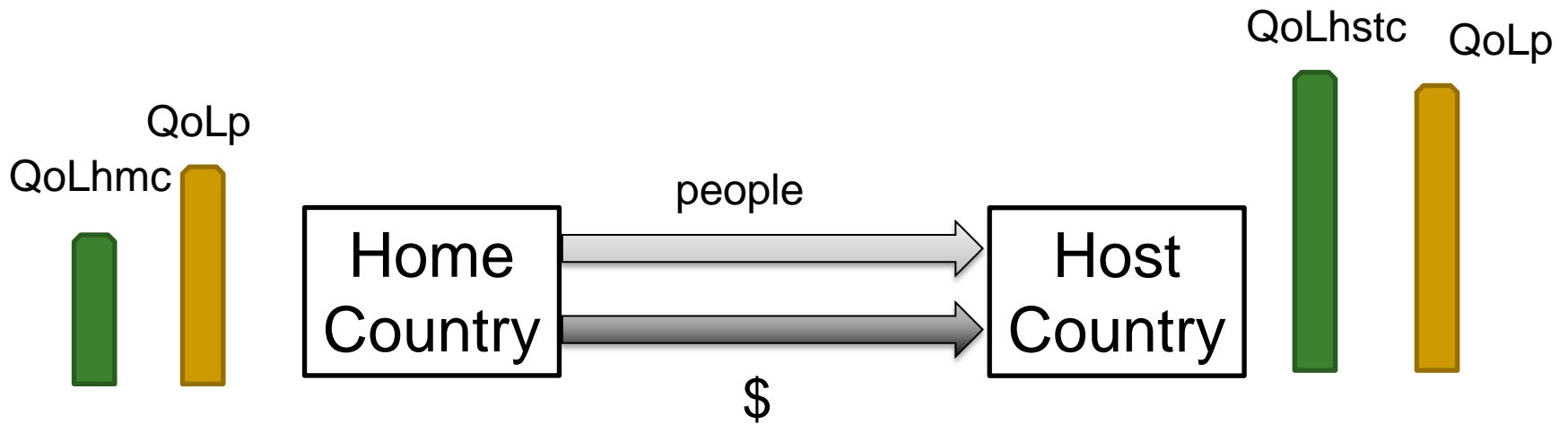
Vladimir Strezov

Department of Environment and Geography
Macquarie University, Sydney, Australia

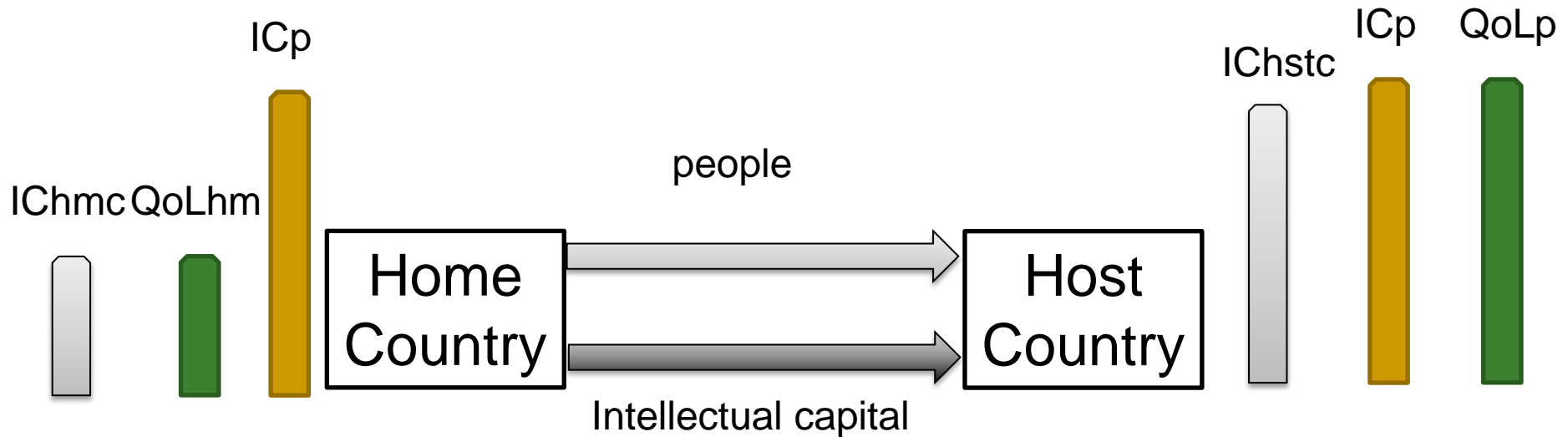
Economic Circulation Diaspora Model



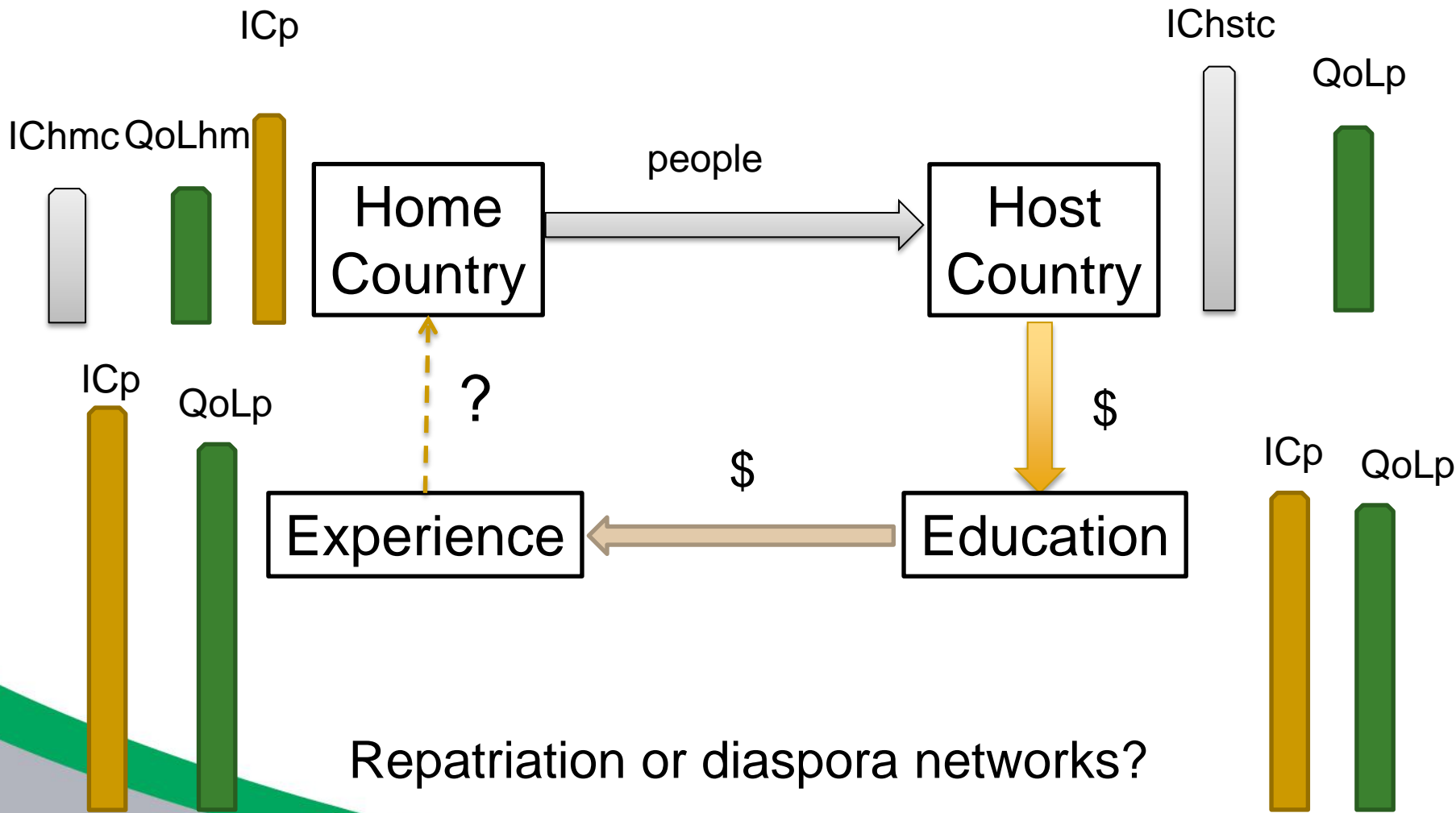
Economic Drain Diaspora Model



Brain Drain Diaspora Model



Brain Circulation Diaspora Model



Техничко технолошки науки во дијаспора

Име	Презиме	e-mail	Држава	статус	Научно поле	Научно подрачје	ID user	id
Петра	Димитров	petrad@mon.gov.mk	Canada	активен	Техничко технолошки науки	Телекомуникациско инженерство	1067	66
Анџа	Тодовска	an@mon.gov.mk	United States	активен	Техничко технолошки науки	Материјали	1195	180
Владимир	Стрезов	vstrezov@gmail.com	Australia	активен	Техничко технолошки науки		1055	885
Total: 3								

Природно математички науки во дијаспора

Име	Презиме	e-mail	Држава	статус	Научно поле	Научно подрачје	ID user	id
Томас	Стамболиска	tstamboliska@mon.gov.mk	United Kingdom	активен	Природно математички науки	Физика	2479	719
Марија	Стамболиска	marija.stamboliska@mon.gov.mk	Austria	активен	Природно математички науки		3016	979
Марија	Ангелина	marija.angelina@mon.gov.mk	Austria	активен	Природно математички науки		3017	980
Марија	Димитрова	marija.dimitrova@mon.gov.mk	Netherlands	активен	Природно математички науки	Информатика	3272	1197
Total: 4								

Region	Country	Type of Diaspora Engagement Policy																								
		Capacity Building					Extending Rights					Extracting Obligations														
		Symbolic nation-building		Institution building			Political incorporation					Civil and social rights		Investment policies & lobby promotion												
		Inclusive rhetoric & symbols	Cultural promotion & induction	Shaping media & PR	Conferences & conventions	Ministerial level agency	Dedicated bureaucracy	Monitoring efforts	Building transnational networks	Consular and consultative bodies	Special membership concessions	Dual nationality (no vote)	Must return to vote	Embassy voting	Postal voting	Indefinite, unconditional vote	Parliamentary representation	Can run for office	Tourism services	Welfare protection	Mandatory payments	Special economic zones	Remittance and FDI capture	Knowledge transfer programmes	Promoting expat lobby	
	Grey shading indicates that the policy is under discussion																									
Europe & Asia Minor	Armenia																									
	Turkey																									
	Greek Cyprus																									
Middle East & Africa	Morocco																									
	Eritrea																									
Asia & Indian Sub-continent	India																									
	China																									
Asia Pacific	Philippines																									
	Australia																									
	New Zealand																									
The Americas	Mexico																									
	Dominican Republic																									
	Argentina																									
	Brazil																									
	Haiti																									

Indian Scientific Diaspora

- In US 1.7M Indians
- Large contribution to Silicon Valley IT industry
- Indian scientific community in US developed Indian IT sector worth US\$9 billion
- Indian-American community plays a role in the improvement of Indian hospitals through sabbatical residencies

Sources: Seguin et al., Int J Biotech, 2006
Siar, Philippine Inst for Dev Studies, 2013

Chinese Repatriation Weiguo Fuwu (serve motherland) Model

- utilizing the advantage of their professional bodies;
- holding concurrent positions in China and overseas;
- engaging in cooperative research in China and abroad;
- returning to China to teach and conduct academic and technical exchanges;
- setting up enterprise in China;
- conducting inspections and consultation; and
- engaging in intermediary services, such as running conference, importing technology or foreign funds, or helping Chinese firms find export markets.

Skoltech Project

- Skolkovo Institute of Science and Technology
- MIT Skoltech Initiative
- direct recruitment of Russian scientific diaspora
- engage experts as consultants from the Russian diaspora
- organise workshops and meetings in internationally leading universities to target the Russian scientists

Expatriates from Australia

- Monash University Sunway campus in Malaysia
- Monash University South Africa campus
- IITB-Monash Research Academy, India
- Southeast University - Monash University Joint Graduate School, China
- RMIT University Vietnam
- Curtin University of Technology Malaysia
- Curtin University of Technology Singapore