

Session 4



**The Nature of
leadership:**

2- 5 Applied

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Overview

1. Thought leadership
2. **Transformational Trends**
3. Talent
4. Technology

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2. China's Leadership story: One Belt (Land) – One Road (Marine)

OBOR China ambitious foreign policy

- A network of *interconnected, complementary initiatives* to further develop enhance and integrate economics of the Eurasian landmass from the East China to the West of Europe.
- **Financing circa \$150bn** of infrastructure spending p/a in countries to China's south and west (along the old silk rd)
- Trans-continental **integration is multifaceted**: Physical network of highways, railways, pipelines, logistics hubs, special economic zones and commercial centres



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OBOR



- OBOR a **significant** intensification of trade flows across the whole of Eurasia
- Building on the former original silk road, over 500 yrs. ago
(frans Paul V der putten Clintendael Inst Netherlands)
- The silk road **trading route revival** has been around for at least 20 years:
Kazakhstan, Azerbaijan conference in 1999

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OBOR



- **Politically:** consists of bilateral and multilateral trade deals, transportation pacts and customer agreement, and create new markets for Chinese firms and new spheres of influence for China government
- **Financially:** a playground for big development banks like Asian DB, World B, newly formed China led Asian Infrastructure Investment Bank
- **Socially:** a mechanism to create new jobs and education opportunities

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OBOR Leadership Challenges

Realistically still finding its feet:

- **Internal:** relationships built between province (their OBOR plans)
- **Speed:** Projects are going ahead too fast, so costly mistakes
- **Partnership :** locals wary of heavy handedness
- **Scale:** countries fear being over whelmed & Loans e.g China Exim bank accounts for a third of Kyrgyzstan's foreign debt (economist)
- **Country politics:** both long for + dread Chinese investment! (econ)
- First steps to lead change, an approach:
 - **Open debate** with local NGO's + banking syndicates with international institutions (pension funds sovereignty wealth etc)
 - Promises the finance and political will necessary to turn the dream into a reality, essentially a framework to guide +\$1trillion investment

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Development is booming along the road



- **China Kazakhstan border** giant free trade zone open for business
- **Western European**, western china highway east coast china to St Petersburg nearing completion
- **China- Pakistan** economic corridor
- **Sri Lanka deep-sea** port and entire financial district being integrated into maritime silk road
- (Planned) **Belarus and Germany-** facilities being considered for expansion
- ***Above all, the belt and road express has left the station. China is merely trying to improve the on-board service.....***

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Acknowledging Road blocks

Leadership to overcome:

- 1st political bottlenecks, nation states territorial conflicts, nation states rivalries – **geopolitics and stability** counts!
- 2nd do countries have **patience and ongoing financial backing necessary to engage** in mass infrastructure building which tends to present slow and very long term returns on investments- countries need to avoid a debt trap.
- 3rd a drastic shift required if the **private sector will be persuaded to partner** into the endeavour,
 - Private sector to be convinced of profitability.
 - FDI need assurances that logistics in rail + roads are reliable as the alternative of ship, air or sea, and
 - China will abide by the rule of law in the event of disputes

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3. Mind the Gap - Talent



Stories from ARN, FIG Land professionals:

- i. **Connected:** the power of partnerships
- ii. **Collaborate & Create:** Action tools
- iii. **Communicate:** *Generational diversity*
- iv. **Coordinate:** International policy, and
- v. **Contribute:** International policy
- vi. **Connected:** emerging & going forward.....

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Collaborate &



Mombasa, Kenya



Cape Town, South Africa



Elmina, Ghana

- ARN Workshop – Annual activities, highly participatory
- People 230 attendees over 5 workshops
- Representation from West, East and Southern Africa (12 Nations)
- Member Associations and the Individual surveyor in their every day tasks

FIG African Task Force www.fig.net/tf/africa

Communication: Across the Generations

- **Younger generations:** digital **quick and promoted** new approaches in our outputs.
- **Recognising four generations beginning to be reflected in the workplace,** consequently

Greater inter-generational understanding

- **Attracting young talent** our profession has to remain relevant and attractive to future generations.

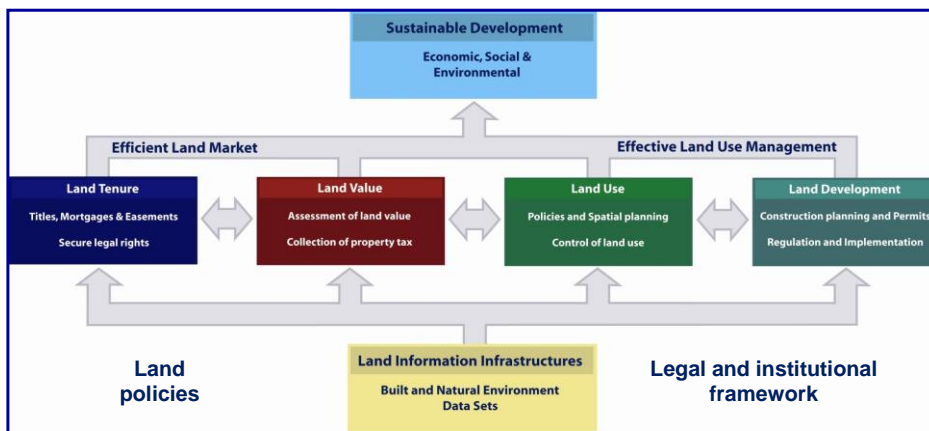


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Land Administration Systems

Land Administration Systems provide the infrastructure for implementation of land policies and land management strategies in support of sustainable development.



Land Tenure: Allocation and security of rights in lands; legal surveys of boundaries; transfer of property;

Land Value: Assessment of the value of land and properties; gathering of revenues through taxation;

Land-Use: Control of land-use through adoption of planning policies and land-use regulations at various levels;

Land Develop: Building of new infrastructure; implementation of construction works and the change of land-use



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4. Disruptive technologies



- *This will change infrastructure needs in ways we cannot yet quantify*
- **Think about:** Autonomous vehicles, drone deliveries, additive manufacturing technologies, renewable or unconventional energy, digitalisation
- There will also be disruptions in the way **infrastructure is built**, and these could have significant implications for costs and investment needs

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