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TEIN*CC
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1. Definition

Project: Asi@Connect (5yr, ~ 2021)

Network: TEIN

X TEIN2, 3, 4



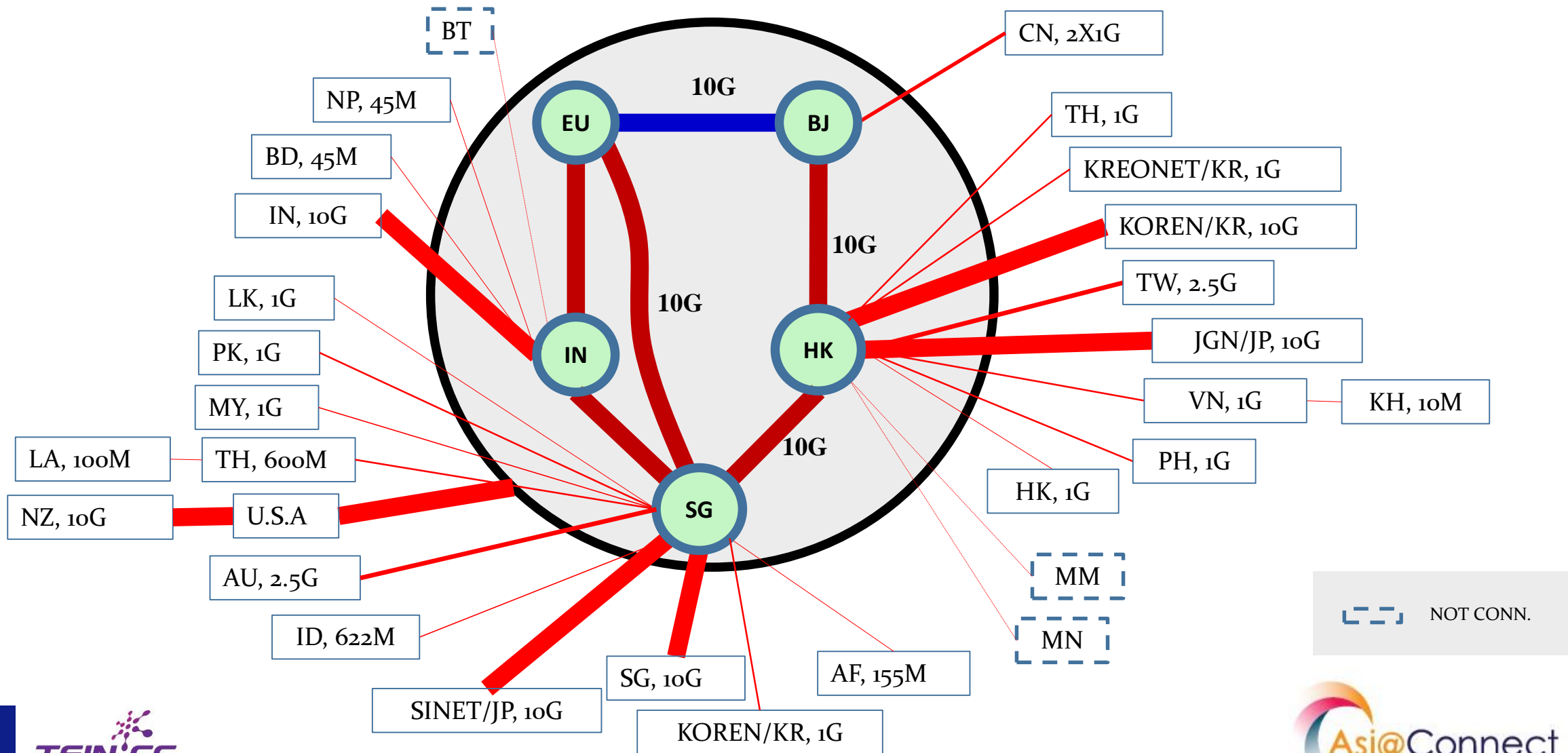
1. Definition

Major funder to the project

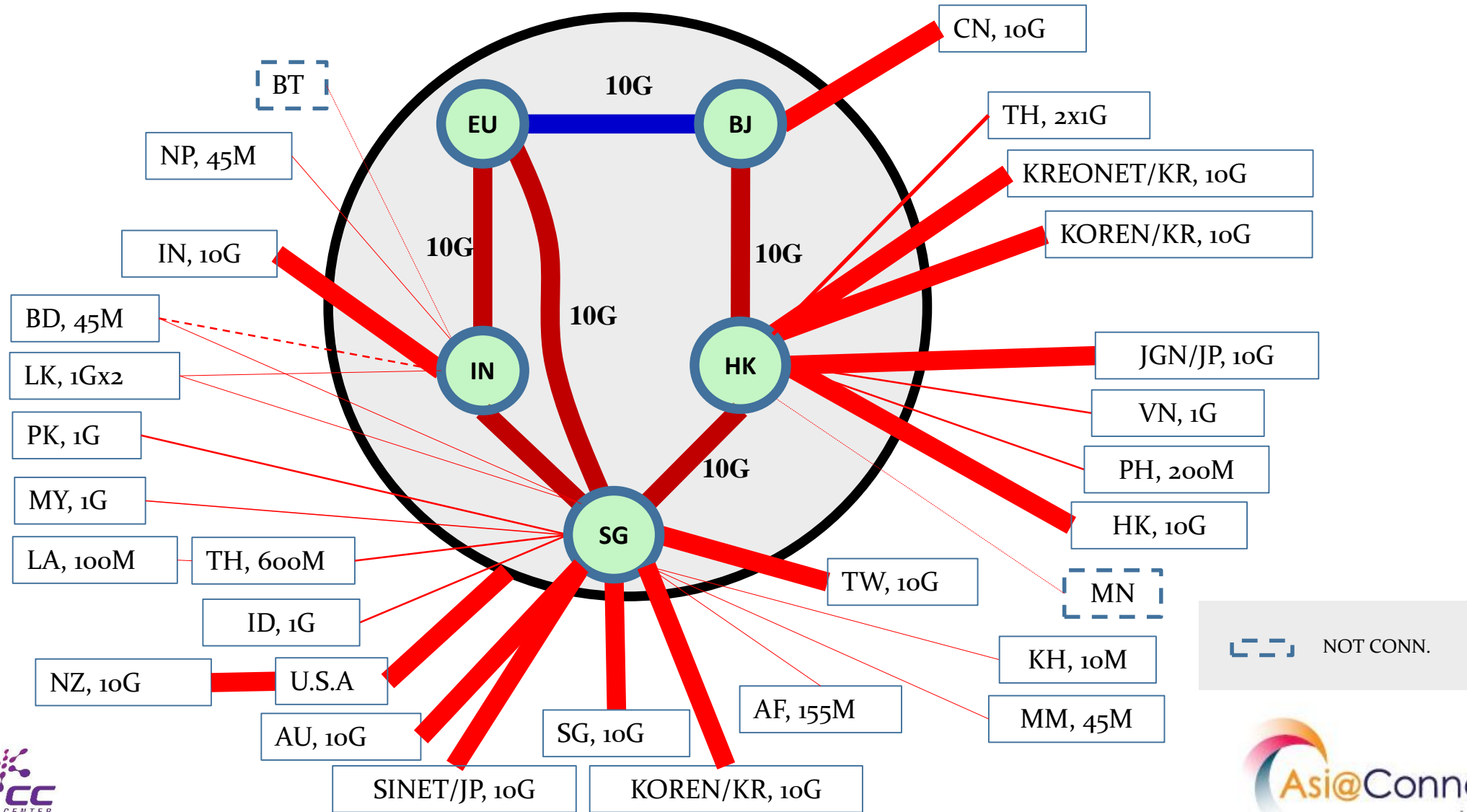
- **European Union 51%**
- **South Korea 17%**
- **The rest 32%**



2. TEIN Networks – Topology (as of 30 Sep. 2017)



2. TEIN Networks – Topology (as of 31 Oct. 2018)



2. TEIN Network – changes made and ahead

Points/locations	Partner	Current	Planned	Timeline	Etc.
HK	HKOX	1G	10G	Aug.	Done
HK	KREONET	1G	10G	Aug.	Done
SG	ASGC	2.5G	10G	Aug.	Done
CN	CERNET	1G	10G	Aug.	Done
HK-TH	ThaiREN	1G	2G	Oct.	Done
MM-SG	mmREN	0	45M	Oct.	Done
KH-SG	CamREN	0	10M	Oct.	Done

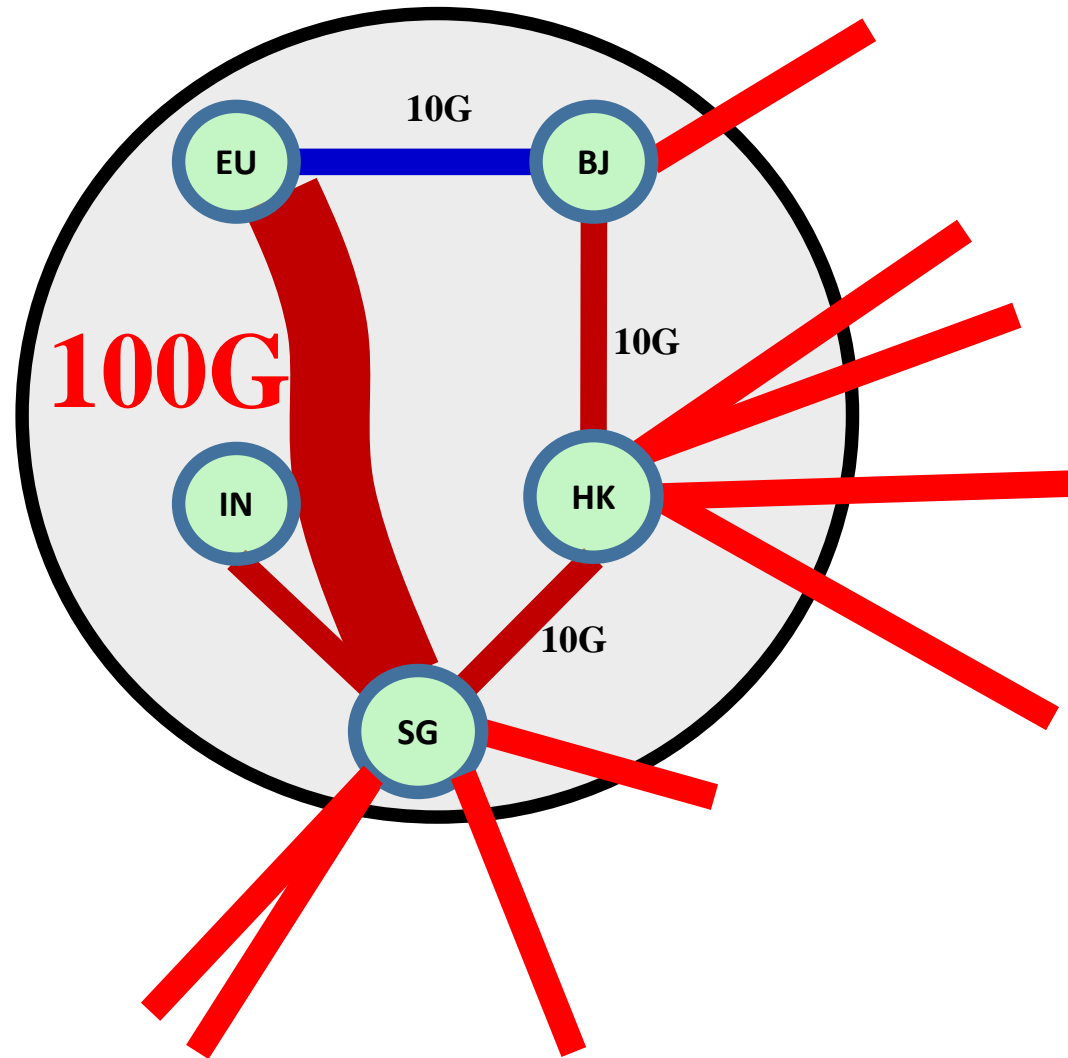


2. TEIN Network – changes made and ahead

Points/locations	Partner	Current	Planned	Timeline	Etc.
Asia – Europe	-	10G	100G	'19 March	Six party collaboration
HK-KR, SG-KR	KOREN	10G	2x100G	Dec.	-
BT-IN	DrukREN	0	1G	Dec.	Funded by NKN
BD-IN	BdREN	45M	1G	Dec.	Funded by NKN
NP-IN	NREN	45M	1G	Dec.	Funded by NKN
MY-SG	MYREN	1G	10G	'19 March	-



2. TEIN Backbone Topology (March 2019)



2. New Strategy – Securing Long-term sustainability

Introduction of IRU* into TEIN

*Indefeasible Right of Use, 15yrs

Firstly 100G between SG and LD

Next candidates ???



3. Status of LHCONE

❖ Implementation Complete

- TEIN backbone (10G, link to Europe GEANT)
- ThaiREN, Thailand
- CERNET/CGI-6IX, China
- ASGC, Taiwan
- KREONET, Korea
- JGN, Japan

❖ Candidates

- MyREN, Malaysia
- PERN, Pakistan



3. A thought on the ATCF

**Engage personnel in charge of
each relevant NREN**

TEIN*CC – NREN – User**



Thank you

