WELCOME TO GLIF Technical Working Group Winter 2014 meeting

Atlanta, 19-20 March 2014

You Are Here

- ## Hosted at GEC 19
  - Thanks to GENI and the GENI Engineering Conference hosting us
  - Thanks to all of you for participating

- ## Meetings (traditionally):
  - End of summer (lambda workshop)
  - Winters (Tech only)

- ## GLIF Tech is about
  - Taskforces – and the GLIF Tech meeting serves as the F2F gathering of task forces
  - Aligning with the community
  - Discussion of new ideas
  - Participation

Admin

- Your co-chairs:
  - Lars Fischer (NORDUnet)
  - Eric Boyd (Internet2)
- Secretarial support:
  - Kevin Meynell (JANET)

- Mailing list:
  - < tech at glif . is >
  - + task force lists

GLIF Tech taskforces

- Dynamic GOLE Services
  - Gerben van Malenstein
- Performance Verification Architectures
  - Steve Wolf, Jerry Sobieski
- Defining GLIF Architecture (Re-charter?)
  - Bill St. Arnaud, Inder Monga, Erik-Jan Bos
- NSI Implementation
  - Inder Monga, John MacAuley
- Inter-Domain SDN
  - Eric Boyd, Steven Wolf
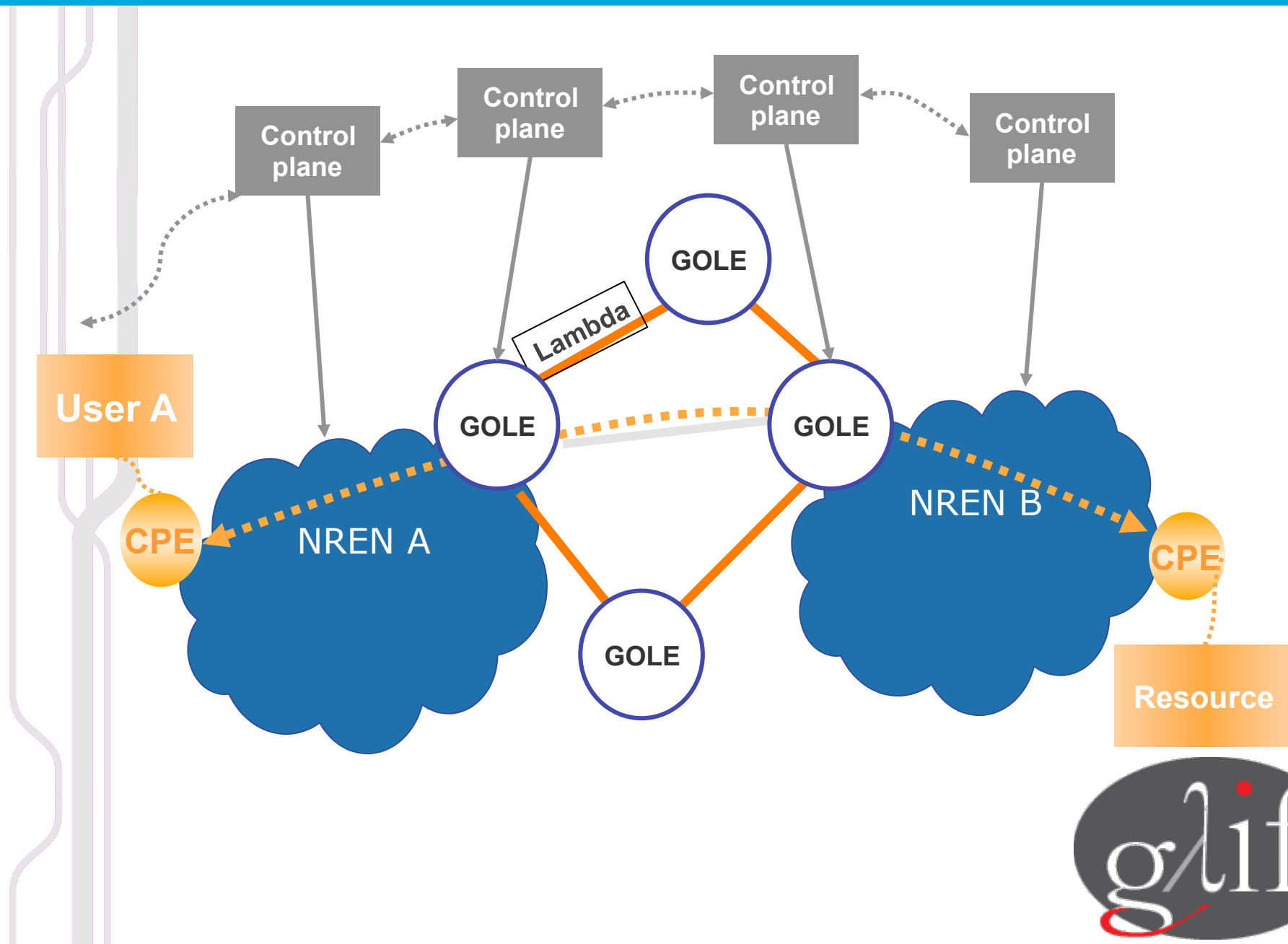- http://www.glif.is/working-groups/tech/

GLIF Resources

GLIF Infrastructures

- **Lambdas shared by GLIF participants**

- **GOLEs (GLIF Open Lightpath Exchanges)**

- **And of course: Hybrid, lightpath capable networks run by the GLIF Participants**

AMPATH - Miami
CERNLight - Geneva
CzechLight – Prague
GÉANT Open - London
HKOEP - Hong Kong
KRLight - Daejoen
MAN LAN - New York
MoscowLight - Moscow
NetherLight - Amsterdam
NGIX-East - Washington D.C.
NorthernLight - Copenhagen
Pacific Wave - Los Angeles
Pacific Wave - Seattle
Pacific Wave – Sunnyvale
SingLight - Singapore
SouthernLight - São Paulo
StarLight - Chicago
T-LEX - Tokyo
TaiwanLight - Taipei
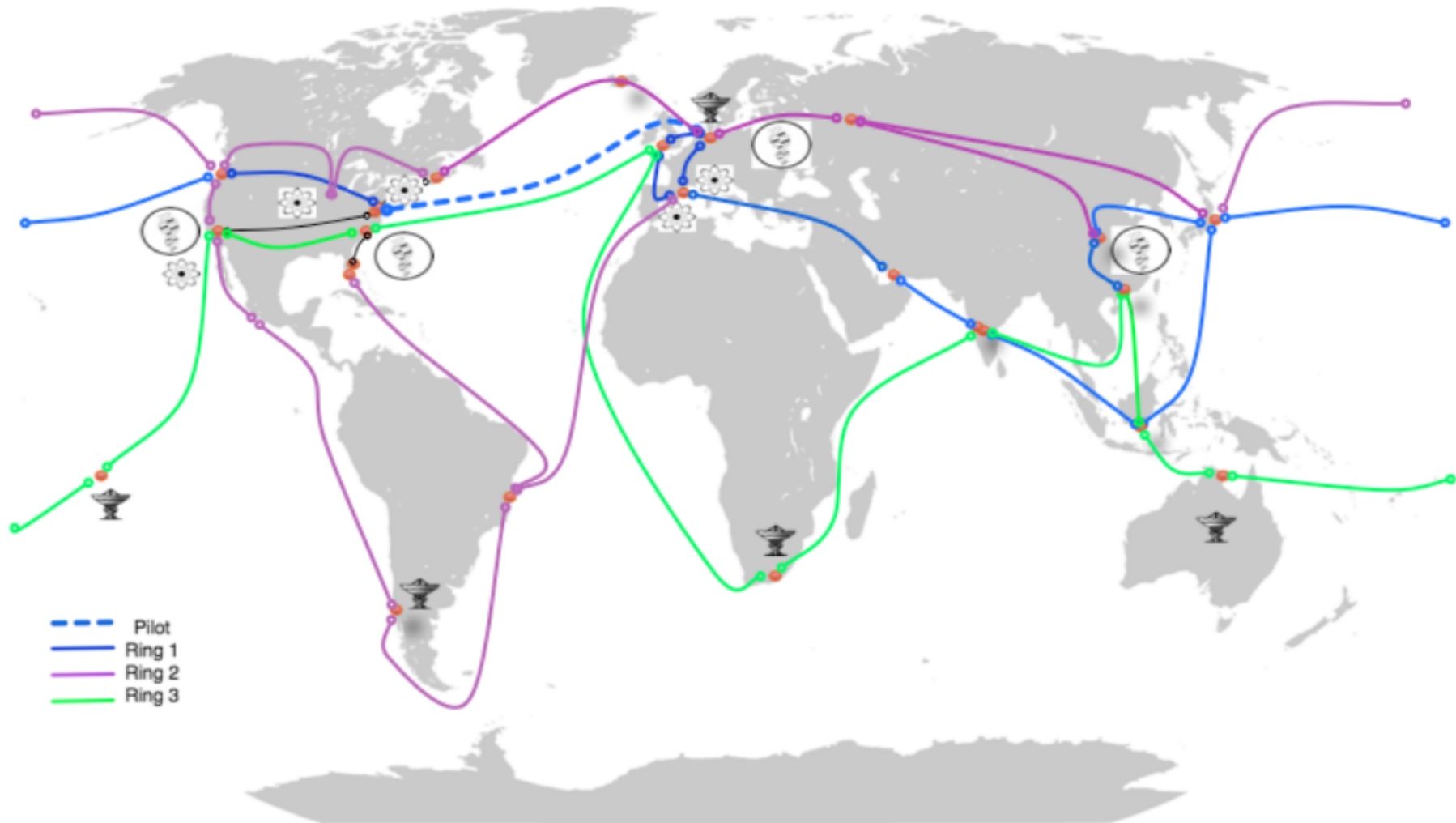
GOLE-centric networking

NSI Framework

- OGF NSI working group
- AutoGOLE
- NSI 2.0 done
  – what's next?

Global Network Architecture

Pilot
Ring 1
Ring 2
Ring 3

We have work to do!

- Consider
  - Transport ✔
  - Cross-connect ✔
  - Topology Exchange
  - Performance Verification for end-to-end
  - Service Level management
  - Link Policy management
  - Identity Management
  - Virtualization
  - GOLE service architecture
  - Security

Plenty of fun still to be had

Agenda Day 1

Time	Subject
13:30 – 13:45	Welcome, admin – Lars Fischer
13.45 – 14.30	NSI 2.0 Update – Guy Roberts, Inder Monga
14:30 – 15:00	AutoGOLE Task Force Update- Gerben van Malenstein
15.00 – 15:30	**Coffee**
15:30 – 15:45	GÉANT Open update – Guy Roberts
15:45 – 16:15	Performance Verification Taskforce – Jerry Sobieski & Eric Boyd
16:15 – 16:30	Demonstrations Taskforce – Lars Fischer
16:30 – 17:00	SDN Taskforce – Eric Boyd

Agenda Day 2

Time	Subject
9:00 – 10:30	GLIF Architecture Taskforce – Inder Monga
10.30 – 11:00	**Coffee**
11:00 – 12:30	Network Virtualization – Eric Boyd, Jerry Sobieski, Heidi Picher Dempsey
12.30 – 13:30	**Lunch**
13:30 – 15:00	NSI Implementation Taskforce – John MacAuley
15:00 – 15:30	Coffee
15:30 – 17:00	NSI Implementation Taskforce

Next GLIF TECH meetings

- ## 14th Global Lambda Grid Workshop
  - Queenstown, New Zealand
  - 29 September – 1 October 2014
  - Full GLIF meeting, incl. TECH WG sessions

- ## 2015 Winter / Spring GLIF Tech?
  - Timing?
  - Where?

Thank You

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