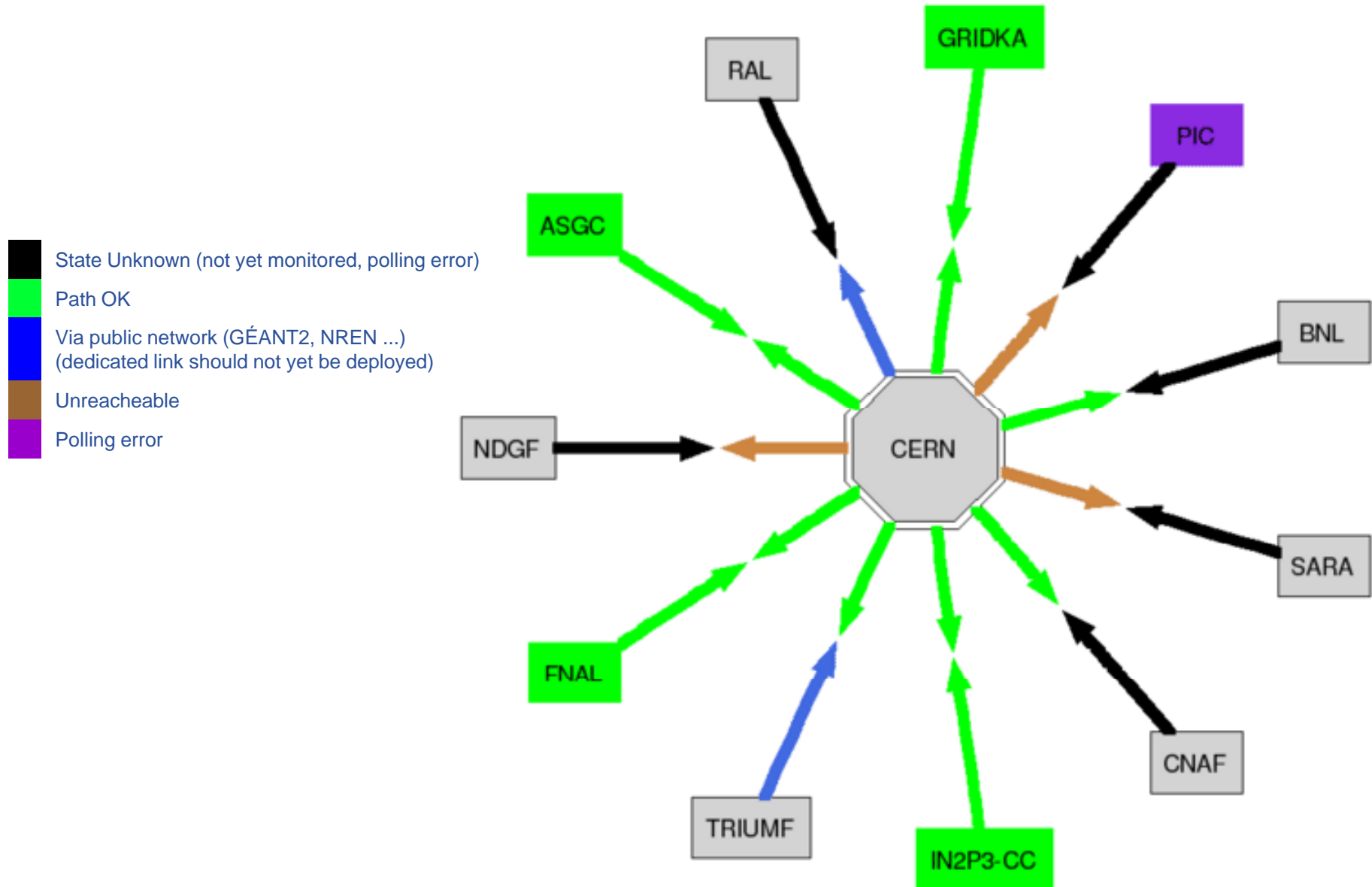


## ENOC status

**Mathieu Goutelle (CNRS UREC)**

*LHC-OPN meeting – 2007-07-27, SARA (Amst., NL)*

# Simplified status of the OPN



LHC-OPN T0/T1	Polling Status	Reason
ASGC	OK	
BNL	KO	Waiting for router upgrade (end of July?)
CERN R1	OK	
CERN R2	OK	
CNAF	KO	Technical issue with Juniper virtual routing SNMP access, in progress
FNAL	OK	
GRIDKA	OK	
IN2P3	OK	
NDGF	KO	Link in production but no BGP peer
PIC	KO	Was working but BGP shutdown after routing issues
RAL	KO	Link in production but no BGP peer
SARA	KO	Link not used? No BGP prefix exchanged
TRIUMF	KO	Pb with Foundry bug on BGP MIB after an upgrade

- Polling period is currently 15': is it sufficient?
- What is the status of a site status of a site having different states for its prefixes?

- **EGEE-III in preparation:**
  - Proposal being prepared (call ends mid-September).
- **Concerning the ENOC:**
  - Same amount of manpower for the operational team;
  - Extra effort earmarked to insure the maintenance and future development of the tools used by the ENOC (BGP monitoring, ticket filtering, databases, monitoring);
  - Partners involved in the ENOC and the OPN part should remain basically the same as in EGEE-II: CNRS mainly, plus NRENs (DFN, GARR, DANTE, and RedIRIS).
  - Other SA2 partners: GRNET, RRC-KI, and SRCE.

- **Formalization of the procedures:**
  - See next talks
- **Monitoring tools for the OPN:**
  - Usage, flows, etc.
  - See next talk
- **OPN test plan:**
  - Participation to the resiliency tests of the OPN;
  - Learn the OPN behaviour (backup strategy) in case of outage;
  - Test the reliability of the BGP monitoring tool:
    - Need to get SNMP data from the router loopback (not the p2p interface)
    - Other solution?

# Questions?