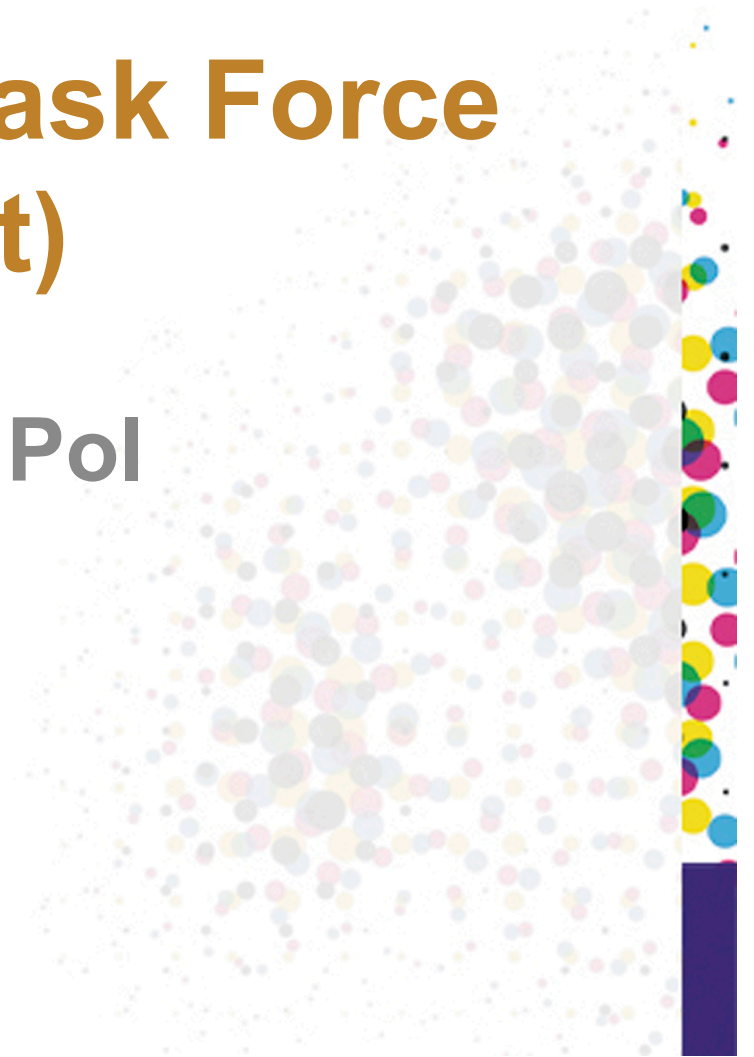# Global Identifiers Task Force (final report)

Ronald van der Pol
rvdp@sara.nl

Timeline

- **Jan 2008 (Honolulu): Task Force established**
- **Mar 2009 (Catania): Naming Scheme presented**
- **Apr 2009: Naming Scheme adopted**
    - **http://www.glif.is/working-groups/tech/global-identifiers-v2.2.pdf**
- **Oct 2009 (Daejeon): Status Report deployment**
- **Feb 2010 (Salt Lake City): Final Report**

Global ID Format

\<global identifier\> ::=
"urn:ogf:network:" \<domain part\> ":" \<local part\>

\<domain part\> ::=
DNS like name identifying the *sourcing organisation*

\<local part\> ::=

- Free text picked by sourcing organisation, with these restrictions:
- Only alpha-numerics, hyphen (-) and period (.) allowed
- Underscore character (_) is not an allowed character
- No blank or space characters are allowed
- No distinction is made between upper and lower case
- The local part should start with a letter or a number

- **Total length of Global IDs at most 128 characters (64 recommended)**

Examples of Global IDs

- urn:ogf:network:canarie.ca:kisti-uninett-glif-001
- UrN:oGf:NeTwOrK:cAnArIe.Ca:KiStI-uNiNeTt-GlIf-001
- URN:OGF:NETWORK:CANARIE.CA:KISTI-UNINETT-GLIF-001
- urn:ogf:network:es.net:4005
- urn:ogf:network:dcn.internet2.edu:6811

Global IDs in Daily Operations

- **Global ID should be communicated at lightpath setup**
- **Sourcing organisation picks the name**
- **Global IDs should be used in planned work announcements, tickets, perfSONAR E2EMON and other communication**

Dynamic Lightpaths

- What should we do with dynamic lightpaths?
- Should they also get a global identifier? How?
- Unique ID requirements are similar to static lightpaths
- Ideas and commens are welcome

Current Status

- **Deployed**
    - **NetherLight**
- **Deployment planned in 2010**
    - **StarLight**
    - **KRLight**
    - **???**

Thank You

Questions and Comments:
tech@glif.is

Ronald van der Pol
rvdp@sara.nl