

# Notes from the GNA-G Community VCs Q4 2020

(version 1.0)

These are the notes from the Global Network Advancement Group (GNA-G) Community VCs Q4 2020 that took place on Monday, 7 December 2020 3pm – 5pm UTC and on Tuesday, 8 December 2020 8am – 10am UTC, using Zoom.

Number of unique participants in the Zoom calls:

VC #1: 55 participants

VC #2: 43 participants

Agenda and links to the pre-recorded updates from the Working Groups can be found at:

<https://www.gna-g.net/attend-a-meeting/gna-community-vc-2020q4/>

## 1. Opening & Welcome

Erik-Jan opened the VCs and welcomed all participants. He introduced the agenda for the meeting, indicating that we run the Q4 2020 Community VCs twice, like we did before, to accommodate the Community across all time zones.

## 2. Updates from the GNA-G Leadership Team

On 1 November 2020, Dale Finkelson retired from Internet2, after a long period of massive contributions to R&E Networking in particular and GNA-G and the GREN in particular. The Leadership Team thanked Dale for his contributions and wished him all the best.

With the retirement of Dale, the Leadership Team now has a vacancy. The proposal is to replace Dale, and keep the Leadership Team at six persons. Hence, we are looking for one or more persons that fit the requirements as follows:

- Knowledge of the R&E (Networking) community
- Organizational skills
- Team player

Support from your boss is a requirement as well, as a role in the Leadership Team can be time consuming, involving intercontinental travel (once we are able to, again) and VCs at sometimes an inconvenient time of the day for you.

Discussion that followed:

- Jennifer Schopf asked about diversity, and the lack thereof. Erik-Jan promised that the Leadership Team will work on this, but that it also depends on good candidates stepping forward.
- Rob Vietzke agreed that diversity is an important topic, and offered to help.
- Jeronimo Bezerra asked why six persons was considered ideal. Erik-Jan answered that more would start to create logistical issues and less would mean not enough presence.

The Leadership Team will issue a call for candidates on the mailing list, early in 2021.

## 3. Updates from the Community

Four updates from the community were presented, as follows:

- a) Cape Town, Fortaleza, Sao Paulo GXPs & AtlanticWave-SDX and Interconnections – Siju Mammen, Aluizio Hazin, Julio Ibarra/Jeronimo Bezerra

Julio, Siju, Jeronimo, and Aluizio gave a comprehensive overview of some major R&E Networking developments in and around Latin America, especially focusing on the new and upgraded GXPs and the new 100 Gbit/s circuit between Angola and Brazil.

Slides at:

[https://www.gna-g.net/wp-content/uploads/2020/12/GNA-G-Community-VC\\_AmLight-Update\\_Q4-2020.pdf](https://www.gna-g.net/wp-content/uploads/2020/12/GNA-G-Community-VC_AmLight-Update_Q4-2020.pdf)

- b) Update from SingAREN – Francis Lee Bu Sung

Francis elaborated on the progress in and around Singapore, especially with respect to new 100 Gbit/s circuits that are planned to be installed at SOE.

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/Presentation-to-GNA-G-by-Francis-Lee.pdf>

- c) Arctic Connect R&E – Erik-Jan Bos

Erik-Jan presented on a plan for a new subsea cable system between Kirkenes, Norway and Tokyo, Japan, on a short and unique route through the Arctic Ocean, with a possible extension into North America. The Finnish telecom operator Cinia Oy is the lead partner in this project. Arctic Connect R&E is the name of the project, led by NORDUnet, to secure a dedicated fiber pair for R&E on the Arctic Connect Subsea Cable System.

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/EJB-2020-12-07-Arctic-Connect-RE-v1.0.pdf>

- d) Telemetry – Joe Breen, Jeronimo Bezerra

Joe elaborated on the work of the Internet2 Working Group on Telemetry, aimed at further instrumenting high-performance data transfers within the USA. The ambition is to widen this globally, one step at a time, hence this presentation for the GNA-G Community. The main question is, who is willing to share data on path performance between DTNs.

Slides at:

[https://www.gna-g.net/wp-content/uploads/2020/12/2020-12\\_Metrics\\_and\\_Telemetry-GNA-Short\\_version.pdf](https://www.gna-g.net/wp-content/uploads/2020/12/2020-12_Metrics_and_Telemetry-GNA-Short_version.pdf)

#### **4. Securing the GREN**

Steve Kennett (in VC#1) and Charles Sterner (in VC#2) presented on a newly proposed Working Group inside the GNA-G: Securing the GREN. The aim is to have actionable items to be performed in this Working Group, aimed at making the GREN a more secure place.

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/GNA-G-SGWG.pdf>

#### **5. Working Group updates and discussion**

- a) GREN Map WG – Ryan Davies

Ryan gave a concise update on the status of the GREN Map WG, that is making good progress and now includes the Canadian NREN. Ryan also recorded his presentation for VC #2, due to other commitments.

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/GREN-Map-WG-GNA-G-Update-Dec-2020.pdf>

Presentation video at:

[https://video.nordu.net/media/GNA-G+Q4+2020A+GREN+Map+WG+Update+-+Ryan+Davies+%28CANARIE%29/0\\_golrcvog](https://video.nordu.net/media/GNA-G+Q4+2020A+GREN+Map+WG+Update+-+Ryan+Davies+%28CANARIE%29/0_golrcvog)

b) AutoGOLE/SENSE WG – Gerben van Malenstein

Gerben gave a great overview of the progress and status of the AutoGOLE/SENSE WG. For the SC'20 AutoGOLE/SENSE demonstration, a nice video was recorded that can be found on YouTube:

<https://www.youtube.com/watch?v=GvKLQVQ2dPs>

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/Gerben-van-Malenstein-GNA-G-2020Q4-AutoGOLE-SENSE-update.pdf>

c) Offshore Students WG – David Wilde

David gave a status update on the GREN Offshore Students WG, of which a few subtasks are running, i.e., the eduVPN work and the peering with Chinese providers in Hong Kong.

Slides at:

<https://www.gna-g.net/wp-content/uploads/2020/12/GNA-G-GREN-offshore-students.pdf>

d) Data Intensive Science WG – Harvey Newman

Harvey gave an update on the status of the DIS WG. Harvey also recorded his presentation for VC #2, due to other commitments.

Slides at:

[https://www.gna-g.net/wp-content/uploads/2020/12/GNAGDataIntensiveSciencesWG\\_hbnCommunityVC120520s.pdf](https://www.gna-g.net/wp-content/uploads/2020/12/GNAGDataIntensiveSciencesWG_hbnCommunityVC120520s.pdf)

Presentation video at:

[https://video.nordu.net/media/GNA-G+Q4+2020A+Data+Intersive+Sciences+WG+Update+-+Harvey+Newman+%28Caltech%29/0\\_k5oeheih](https://video.nordu.net/media/GNA-G+Q4+2020A+Data+Intersive+Sciences+WG+Update+-+Harvey+Newman+%28Caltech%29/0_k5oeheih)

## 6. Announcement of next VCs and closure

The next GNA-G Community VCs are scheduled to take place on:

- Q1 2021: 15 & 16 March 2021
  - VC #1: Monday, 15 March 2021 3pm –5pm UTC
  - VC #2: Tuesday, 16 March 2021 8am –10am UTC

See also: <https://www.gna-g.net/attend-a-meeting/gna-g-community-vcs-2021q1/>

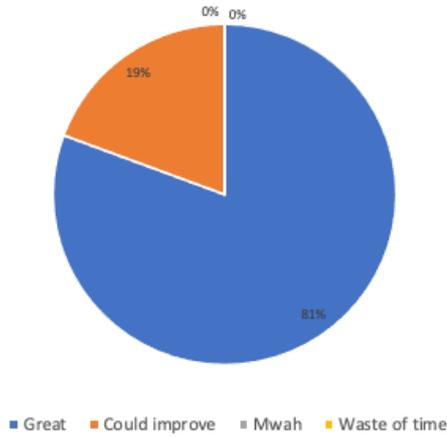
- Q2 2021: 14 & 15 June 2021

- VC #1: Monday, 14 June 2021 2pm –4pm UTC
- VC #2: Tuesday, 15 June 2021 7am –9am UTC

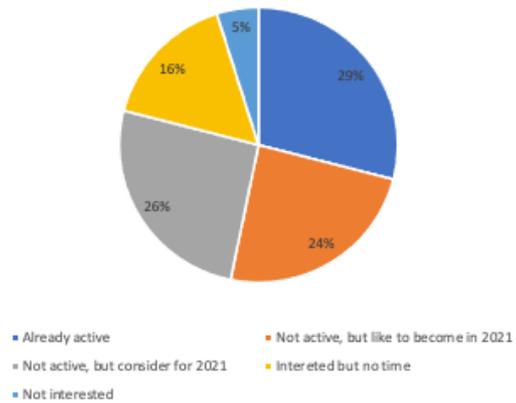
- Q3 2021 and onwards: To be decided later

Before Erik-Jan closed the VCs, he ran an “exit poll”. The results, combined for both VCs, are as follows:

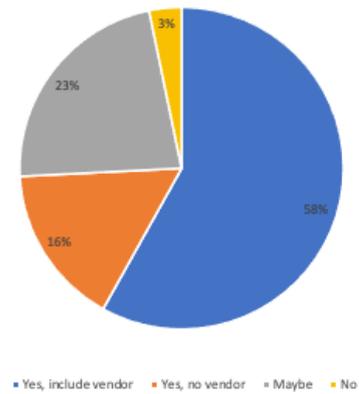
Please rate your appreciation for the Q4 2020 Community VCs



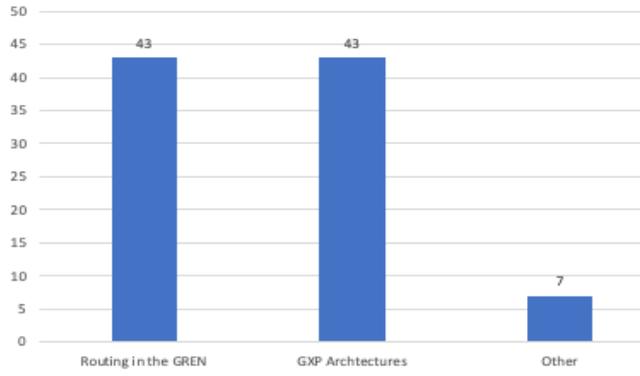
Are you active in GNA-G?



Introduce Innovation Slot in Community VCs?



Topics to address in 2021 VCs (check all)



Erik-Jan thanked all participants for their active participation in the VCs, and wished all well.

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