# IEEE SIGHT

**Special Interest Group on Humanitarian Technology**

# Building a locally-focused community of engineers for global development

Tim Lee
Chair, IEEE SIGHT Steering Committee
Chair, IEEE Internet Inclusion
IEEE 2015 MTT-S President
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# R8 Humanitarian Committee

- Alexandros Osana (Greece) – Chair

- Lebogang Madise (South Africa)

- Dinko Jakovljevic (Croatia)

- John Funso (Nigeria)

- Lee Crudgington (UK & I)

- Mona Ghassemian (UK & I)

- Amith Khandakar (Oman)

- Sana Khalfa (Tunisia)

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# SIGHT groups in Region 8

- **Croatia (P)**
- **Greece***
- Kenya
- **Nigeria***

- **Tunisia (P)**
- Uganda*
- **Western Saudi Arabia***

**(P)** **Received Funding and running a Project**

**\*** **Developing or drafting a project**

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# Committee Structure

Publicity

R8 SIGHT Groups Support

Operations and Strategy

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# 2017 SIGHT Vision

- Making a humanitarian impact to local communities across the globe while inspiring IEEE members to be volunteers whose energy, talent and skills can be leveraged for achieving Sustainable Development Goals

- Provide opportunities for this Committee to teach and learn from each other to respect diversity in culture, language, gender and beliefs

- Grow volunteers into leaders and students / Young Professionals into engaged members of our IEEE community

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# What is IEEE SIGHT?

## Vision

Underserved communities around the world are able to benefit from technology as they seek sustainable solutions to development challenges.
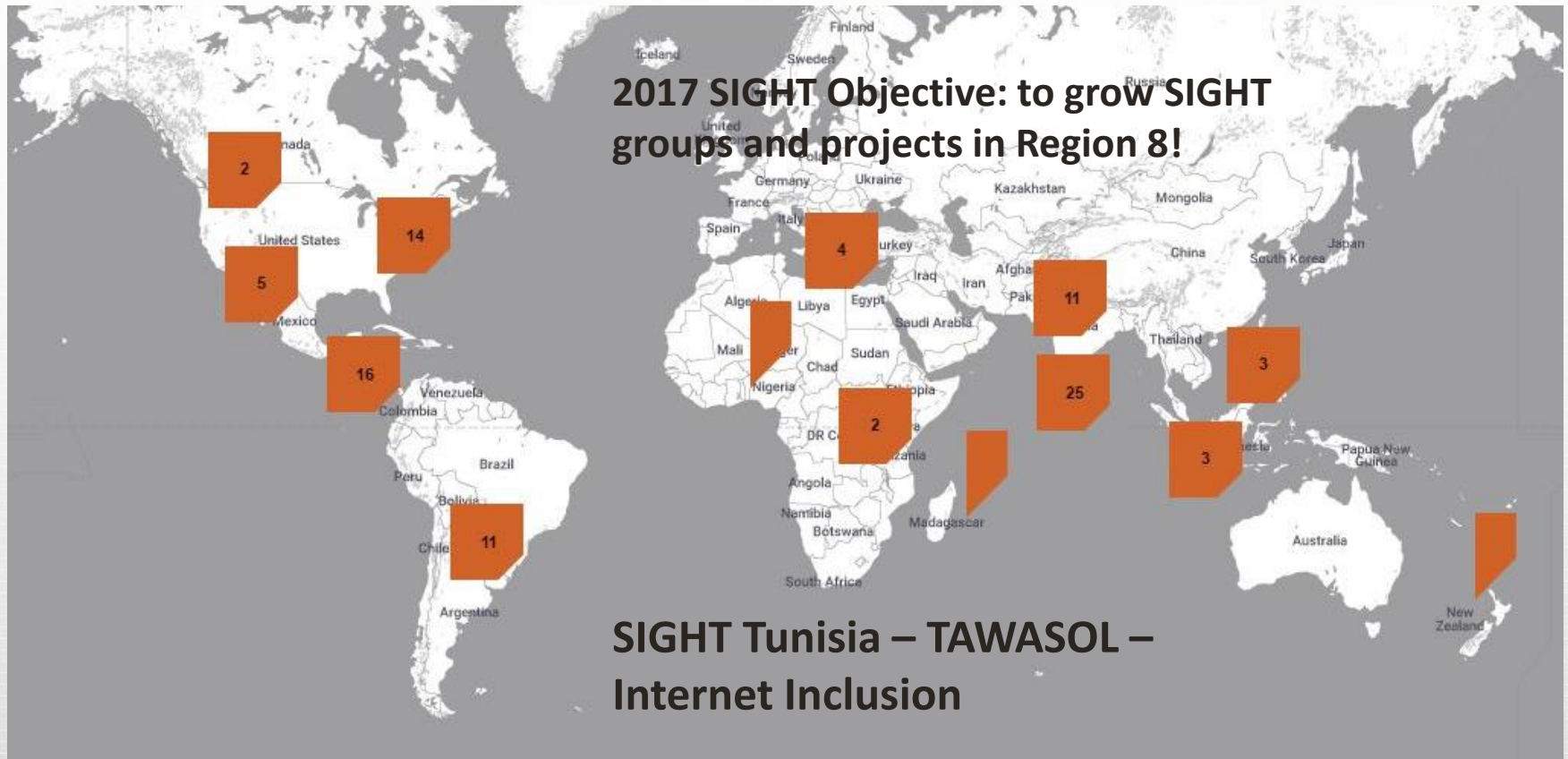
## Mission

The Special Interest Group on Humanitarian Technology (SIGHT) program is a network of IEEE volunteers around the globe that partner with underserved communities and local organizations to leverage technology for sustainable development.

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# Where are SIGHT Groups?
## 100 Groups in 35 Countries and 7 Societies



**2017 SIGHT Objective: to grow SIGHT groups and projects in Region 8!**

**SIGHT Tunisia – TAWASOL – Internet Inclusion**

**SIGHT: Professional and University groups**

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# Funding and Resources

**From IEEE SIGHT**

- Project Seed Funding 500$ - 20K$
  - 3 Cycles (TBA)
- Conference participation support

**From IEEE HAC**

- Large-scale funding up to 100K$
- Annual Rebates
- Events and Capacity Building Activities

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# Report Out from Working Group 1

Group 1: What role can SIGHT play to energize IEEE Sections and Members in R8?

- Make more active – see positive results, can lead to greater future involvement
- Small group team experiences
- Recruit new members – action orientation
- Appeal to technical problem solving and professional experience
- Small project can grow into more and larger projects

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# Report Out from Working Group 2

Group 2: What are the challenges for starting, sustaining and transitioning SIGHT projects (ie. lifecycle)

- Finding appropriate projects
- Sustainability – for the project after SIGHT funding
- Connect projects with NGOs
- Problems for R8 attention: energy, health and wafer
- Examples of need: homeless people and refugees (Greece, Italy, Germaney)

# Report Out from Working Group 3

Group 3:Geo-location specific needs (Africa, Europe and Middle East)

- Africa
  - Technical resource restrictions (local expertise)
  - Access to Energy, technology, materials & training
- Europe
  - Technical Training
  - Awareness / Motivation
- Middle-East
  - Technical Training
  - Sanctions / Restrictions (Access)
  - Awareness / Motivation
  - Refugees problems – sanitation, clean water

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# Report Out from Working Group 4

Group 4: What can IEEE HAC/SIGHT at HQ do to make SIGHT successful?

- Suggest ideas for each community – give example projects and implementations
- Support membership engagement by IEEE
- Same as other OU's: Vitality and Sustainability
- Support through networking platforms, training in project management and advertise best practicies

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# Take only this with you

- [ieee-sight-toolkit.org](ieee-sight-toolkit.org) – Toolkit/ Guidlines
- [Sight.ieee.org](Sight.ieee.org) –Website

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# Thank you!

# Questions?

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