



AMATEUR RADIO DIGITAL COMMUNICATIONS

# ARDC Community Meeting

7 March 2026

# Agenda

- Welcome & Housekeeping
- New Board & Volunteers
- 2025 Recap
- Looking Ahead for 2026
- Q&A



*Youngsters On The Air (YOTA)*

# Housekeeping



- This session is being  recorded
- Questions in the chat window please!
- Mute yourself if not presenting
- All materials will be posted after the call

*"mop and bucket on silver" by Andy M Johnson is licensed under CC BY-NC-SA 2.0.*

# Board & Volunteer Updates

# New Board Member



**Harald Welte**



# Board Member Updates



**Secretary**  
**Keith Packard – K7WQ**



**Past Secretary**  
**John Gilmore – W0GNU**

# The Crew! (mostly)



# 2026 New Committee Members

## GAC

- Rob Warren – *VE3RWQ*
- Phil Flack – *N4MT*
- Paul Andrews – *W2HRO*
- Tim Annable – *WW8L*

## TAC

- Cara Salter – *NA1CL*
- Mickey Kappes – *KO6DOT*
- Stewart Bryant – *G3YSX*

## GET

- Jim Idelson – *K1IR*
- Tithira Jayasekera – *4S6TKA*

# NEW: Grants Communications Team

## GCT

- **Staff Lead:** Adam Zimmel – *W0ZML*
- Jayadevan Gurubalan – *VU33JD*
- Steve Stroh – *N8GNJ*
- James Ewing – *KC1UDQ*
- Stuart Murray – *NV4T*



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# 2025 Departures

## GAC

- Bill Thomas – *WT0DX*
- Brian Mileschosky – *N5ZGT*
- Jim Idelson – *K1IR*
- Kristin Paget – *NC0DD*

## GET

- Dan Romanchik – *KB6NU*

## TAC

- Zachary Seguin – *VA3ZTS*
- Rich Gopstein – *KD2CQ*
- Dan Theisen – *WI7FI*
- Diego Casati – *VE6DPC*

[ardc.net/about/who-we-are/](https://ardc.net/about/who-we-are/)



# Volunteer Alumni Network

ARDC Alumni?

Interested in joining?

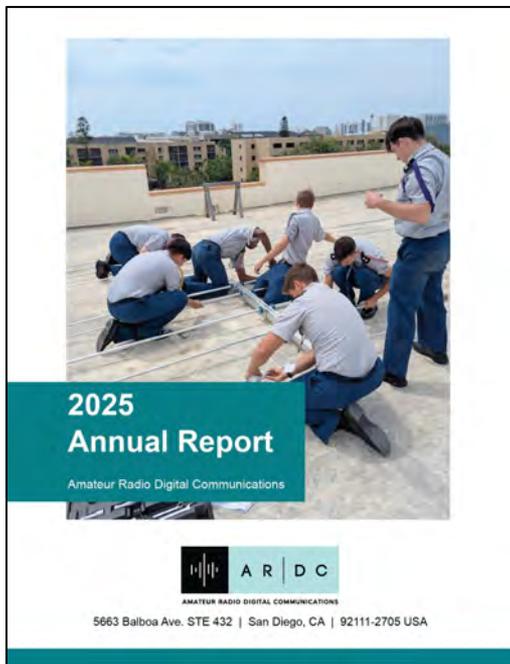
Contact [giving@ardc.net](mailto:giving@ardc.net)



*Bill Thomas WT0DX  
Volunteer Alumni Network Liaison*



# 2025 Annual Report



- Vision, Strategy, Priority Areas for Funding
- Grants (incl. GET findings)
- Tech & 44Net (incl. 44Net Connect)
- Operations
- New Board Members
- Communications/Outreach

[ardc.net/about/news-and-updates/](https://ardc.net/about/news-and-updates/)



# Vision Statement

*A thriving global community of learners, experimenters, and contributors advancing freedom with open source communication and information technology.*

[ardc.net/about/vision/](https://ardc.net/about/vision/)



# Strategic Approach

**Promote  
Learning**

**Promote  
Experimenting**

**Promote  
Doing**

# 44Net

# Community activity growing

## Nearly 100 volunteers supporting 44Net

- Regional Coordinators worldwide
- Portal ticket handlers
- Technical Advisory Committee

## Example contributions to 44Net and beyond

- Dan K2IE — IPIP Mesh for OpenWRT
- Mark NI2O — Documentation and user support
- Dan WI7FI — Ethernet over LoRA experiments



# Portal development

Community

---

**3**

New contributors

Development

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**15**

Enhancements

Key Integration

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**SSO**

For other apps

Portal: <https://portal.ampr.org/>

Source: <https://git.ampr.org/ardc/44net-portal>



# 44Net Connect

<https://connect.44net.cloud/>

First six weeks:

Adoption

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**643**

Tunnels + Subnets

New Participation

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**444**

First-time users

## Contributors

Adam Lewis KC7GDY, Zachary Seguin VA3ZTS, John Hays K7VE SK  
Technical Advisory Committee (TAC), and ARDC Tech Team



# IPIP Mesh gateway

Joint effort between ARDC and CAIDA at UCSD:

- VM infrastructure replaced aging bare metal
- FreeBSD gateway migrated to VM
- Linux implementation underway, expected soon

## Contributors

Tim KC6GNJ, Jof K6BGP, Zachary VA3ZTS,  
Dan, Victoria, and KC at the UCSD Supercomputer Center, and ARDC Tech Team



# 44 Years of 44Net

September 1981  
Assigned Numbers

## Network Numbers

036.rrr.rrr.rrr	SU-NET	Stanford University Ethernet	[MRC]
037.rrr.rrr.rrr	DECNET	Digital Equipment Network	[DRL]
038.rrr.rrr.rrr	DECNET-TEST	Test Digital Equipment Net	[DRL]
039.rrr.rrr.rrr	SRINET	SRI Local Network	[GEOF]
040.rrr.rrr.rrr	CISLNET	CISL Multics Network	[CH2]
041.rrr.rrr.rrr	BBN-LN-TEST	BBN Local Network Testbed	[KTP]
042.rrr.rrr.rrr	SINET	LLL-SI-NET	[EAK]
043.rrr.rrr.rrr	INTELPOST	COMSAT INTELPOST	[DLM1]
044.rrr.rrr.rrr	AMPRNET	Amature Radio Experiment Net	[HM]
044.rrr.rrr.rrr-126.rrr.rrr.rrr		Unassigned	[JBP]
127.rrr.rrr.rrr		Reserved	[JBP]

## Class B Networks

Internet Address	Name	Network	References
-----	----	-----	-----
128.000.rrr.rrr		Reserved	[JBP]
128.001.rrr.rrr-128.254.rrr.rrr		Unassigned	[JBP]
191.255.rrr.rrr		Reserved	[JBP]

## Class C Networks



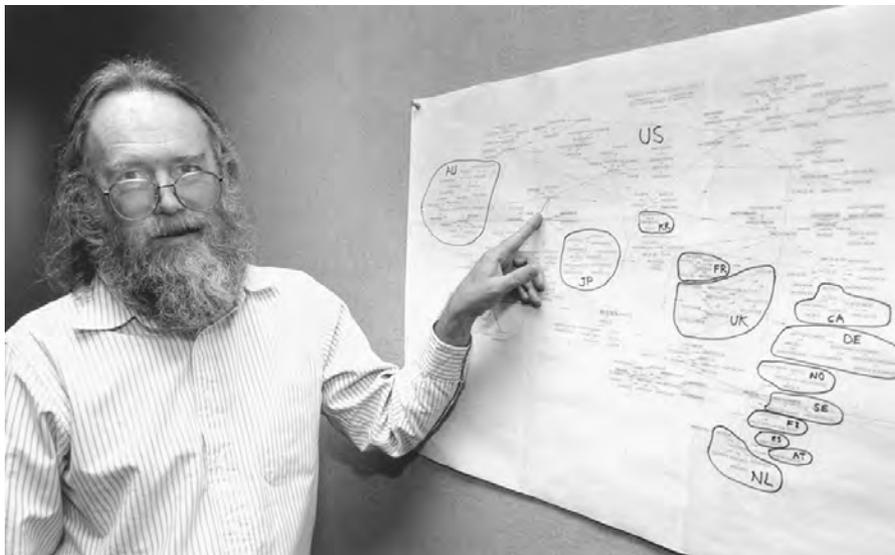
# 44 Years of 44Net (cont'd)

## 44Net fun facts

- ARDC's social media pages
- Weekly through September

## Got memories to share?

- [comms@ardc.net](mailto:comms@ardc.net)



*Jon Postel, a key contributor to 44Net's history. Photo CC-BY-SA  
Wikimedia Commons*

# ARDC is now on YouTube!



- Launched in September 2025
- First video: *The 44Net Origin Story*

[youtube.com/@ARDC73](https://youtube.com/@ARDC73)



# Ways to get involved

Volunteer: Regional Coordinator, Ticket Handler, TAC

Participate: Join a project, start a project!

[ardc.groups.io](https://ardc.groups.io) • [wiki.ampr.org](https://wiki.ampr.org)

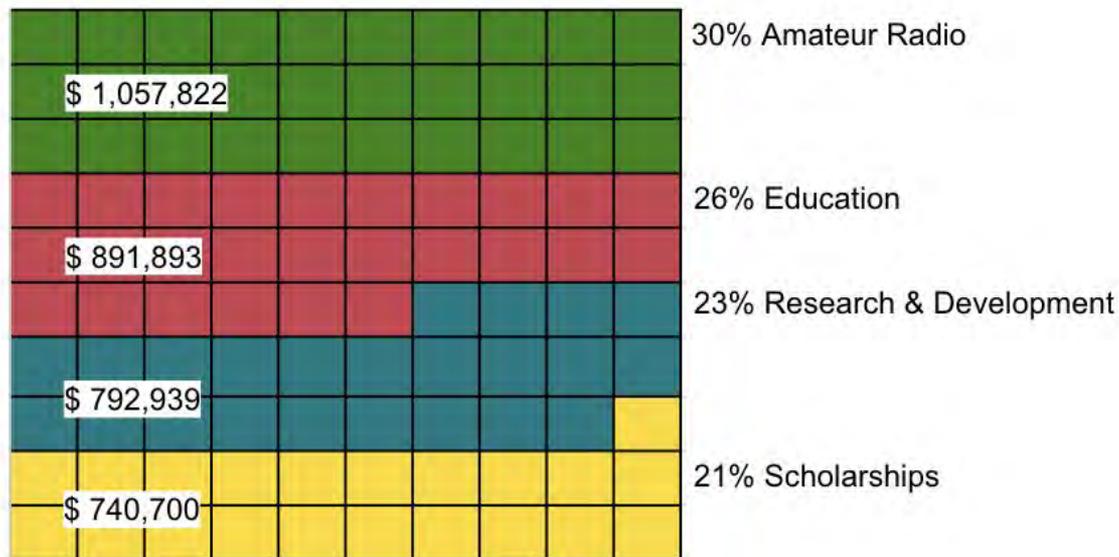
[contact@ardc.net](mailto:contact@ardc.net)



# 44Net Q&A

# Grants

# 2025 Grants Update



Number of grants made in 2025:

**79 Grants**

Dollars approved in 2025:

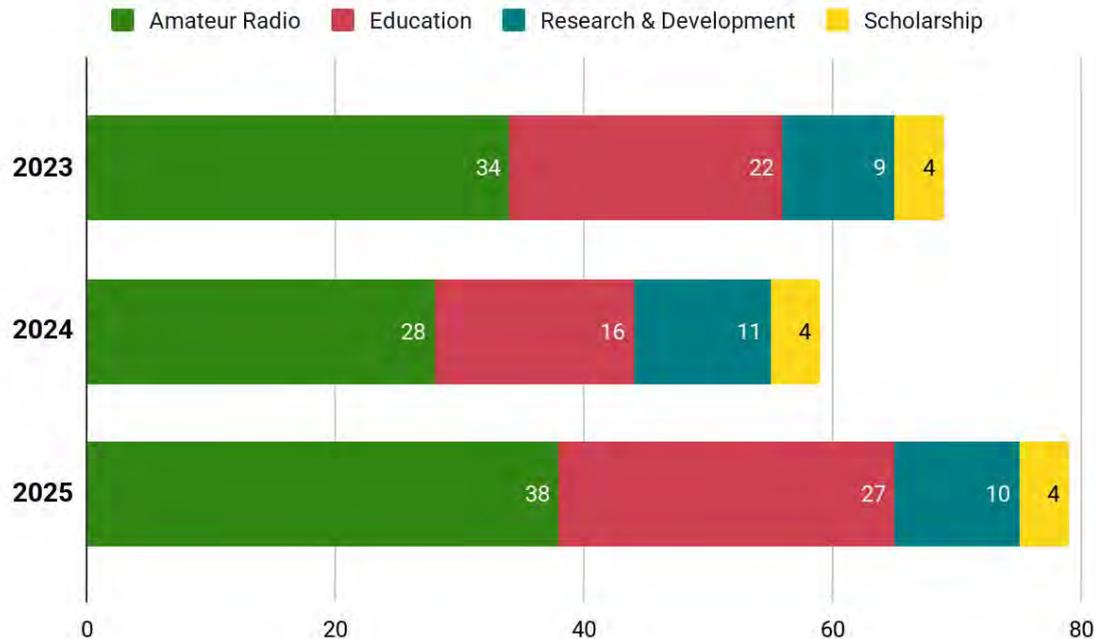
**\$3.4 Million\***

Number of people impacted:

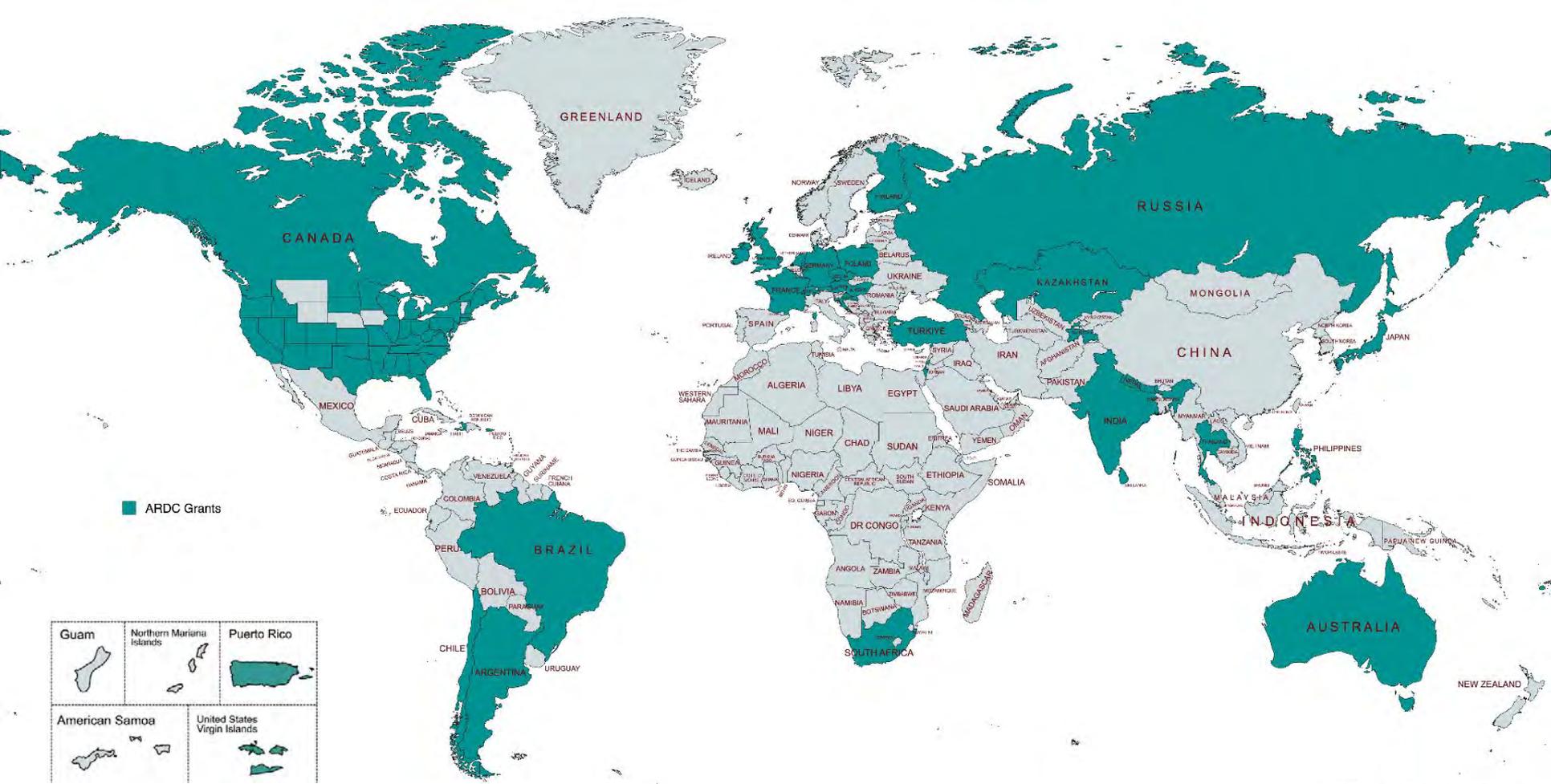
**~16,718 People**

*\*Final totals will be provided in 2025 audited financials*

# Grants Awarded by Category



- More grants than last year, fewer dollars per project
- Median grant size dropped from \$27,000 to \$19,600

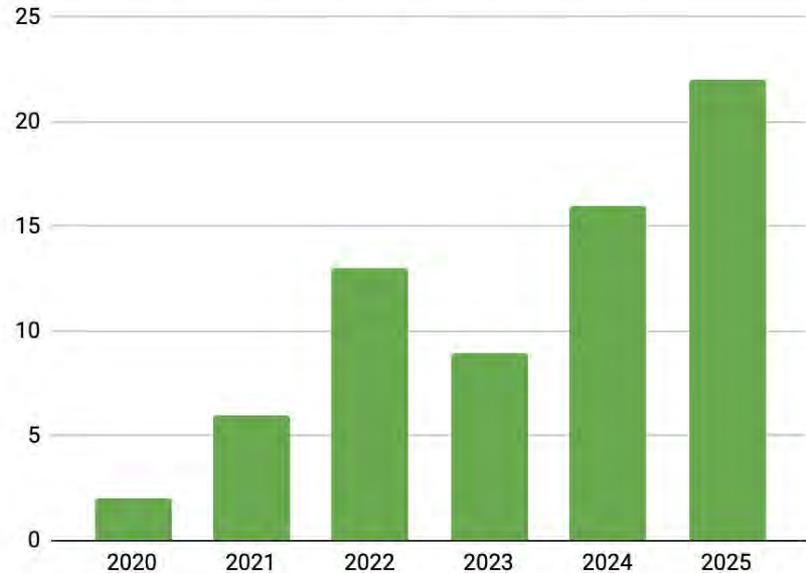


# All-Time Geographic Reach

# International reach

- Grants outside of the US now make up 28% of our portfolio.
- It's easier for us to give internationally.
- Continuous outreach needed.

Number of International Projects Funded



# Grants: Amateur Radio

The Butler County Amateur FM Association (BCAFMA) is a club north of Pittsburgh, Pennsylvania who received a \$7,000 grant to replace their duplexer.



*Butler County Amateur FM Association*

# Grants: Education



*Sarasota Military Academy*

Sarasota Military Academy received a \$29,875 grant to offer amateur radio as an elective course.

# Grants: R&D

Deep Space Exploration Society received a \$50,090 grant to conduct a Venus signal bounce experiment on the 23 cm wavelength band.



*Deep Space Exploration Society*

# Grants: Scholarships



*Society of Women Engineers (SWE)*

Society of Women Engineers (SWE) received a \$146,200 grant to support 35 scholarships in the USA and India, as well as to support a community college program.

# Grants Evaluation Team Findings



*Voice of Idaho Amateur Radio Club*

- **84% of projects were clearly successful**
- 4 projects had unclear outcomes, all R&D outcomes were accounted for
- More competitive process  $\neq$  higher success rate
- New report coming soon!

# Priority Areas for Funding

- **Research & Development:** open source, solves real problems and technical needs
- **Space-Based Communication:** New or enhanced satellite comms technology & education
- **Open Source Education:** Filling in gaps for amateur radio & digital comms resources



Satellites in Space Help Us Live a Better Life on Earth!

AMSAT: <https://www.amsat.org/>

BuzzSat: <https://buzzsat.com/>

# Looking to apply in 2026?

Check out the application deadlines

- April 1
- July 1
- September 1  
*(General & scholarship programs)*

Information: [ardc.net/apply/](https://ardc.net/apply/)

Apply: [grants.ardc.net](https://grants.ardc.net)



# Q & A – Grants

# Looking Ahead - 2026

- Volunteer Alumni Network
- Grants Communication Team (GCT)
- Educational Resource Center (ERC)
- 44Net: Community governance focus

**Come see us at Dayton Hamvention!**

May 15-17, 2026

Xenia, OH



*Rhizomatica at Hamvention 2025*

# Recognizing ARDC's First Donors



*West Seneca Christian School*

**Anonymous**

**Dave Ginsberg N3BKV**

**Clint Bradford**

[ardc.net/about/make-a-donation-to-ardc/](https://ardc.net/about/make-a-donation-to-ardc/)



# Q & A – Last Call!

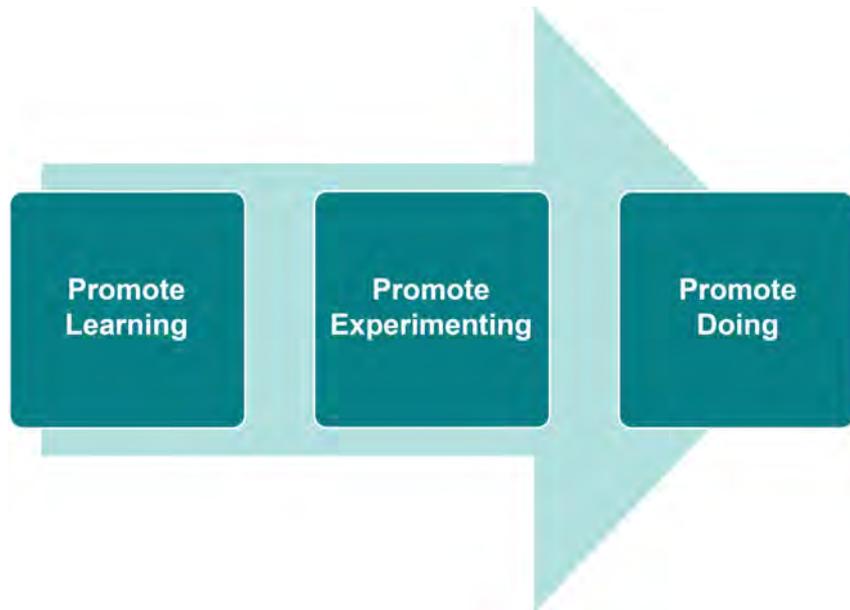
# Join in!

## Experiment with 44Net!

- Get IPv4 addresses at [portal.ampr.org](https://portal.ampr.org)
- 44Net Connect: <https://connect.44net.cloud/>

**Learn** and **Do** by getting involved with projects from our grantees

**Apply** for a grant at [grants.ardc.net](https://grants.ardc.net)





AMATEUR RADIO DIGITAL COMMUNICATIONS

# Thank you!

Reach out any time: [contact@ardc.net](mailto:contact@ardc.net)