

TeraFlow
SDN
by ETSI

Getting Started with OSG TFS

Silvia Almagia (ETSI)

TFS#1 Kick-off Meeting

20/06/2022

Agenda

- About OSG TFS
- Participation
- Decision Making
- Working Tools
- TFS Support

About OSG TFS

- ⦿ ETSI Secretariat Project: Open Source Group for TeraFlowSDN
- ⦿ Created for an initial term of 2 years
 - ⦿ Can be renewed upon request to the Director-General
- ⦿ Reports to the ETSI Director-General, General Assembly, and the Board upon request.
- ⦿ Operates under TFS Legal Statement and Anti-trust rules
- ⦿ Has its [own membership](#)
- ⦿ Has its own [Terms of Reference](#) and Working Procedures (**TFS(22)000004r1**)
- ⦿ Contributes and distributes code under Apache 2.0
- ⦿ May vote a dedicated budget if necessary
- ⦿ Shall endeavour to reach consensus on all issues where consensus is applicable

Participation

● **TFS Members** (ETSI Members and applicants)

- Sign [TFS Member Agreement & CCLA](#)
- Their representatives:
 - May create an ETSI Online Account (EOL)
 - May participate and vote in TFS Plenary Meetings
 - May hold Chair & Vice-Chair positions
 - May hold TSC and Module Lead positions
 - May contribute code and feedback

● **TFS Participants** (Non ETSI members and Partners)

- Sign [TFS Participant Agreement & CCLA](#)
- Pay yearly fees (1000 EUR)
 - Waived for MES/ME, Universities, Public Research, User/Trade Associations
- Their representatives:
 - May create an ETSI Online Account (EOL)
 - May participate to TFS Plenary Meetings
 - May hold TSC and Module Lead positions
 - May contribute code and feedback

● **Individual Contributors**

- Sign [ICLA](#)
- Create an Individual Contributor Account
- May participate to technical meetings
- May contribute code and feedback
- May join technical mailing lists

● **Individual Users**

- May create an Individual User Account
- May contribute code and feedback
- May join technical mailing lists

Decision Making

From TFS [Terms of Reference](#):

Plenary Level:

- TFS Members and Participants shall endeavour to reach consensus on all issues where consensus is applicable
- If consensus cannot be achieved, the Chair may decide to take a vote
- TFS voting rules:
 - 1 vote per TFS Member
 - TFS Members are only entitled to vote if present during at least 2 of the 3 previous Plenary Meetings
 - TFS Founding Members are entitled to vote during the first 3 Plenary Meetings
 - TFS Participants and Individuals are not entitled to vote

Code development activities

- Decision making according to TFS Working Procedures ([TFS\(22\)000004r1](#))

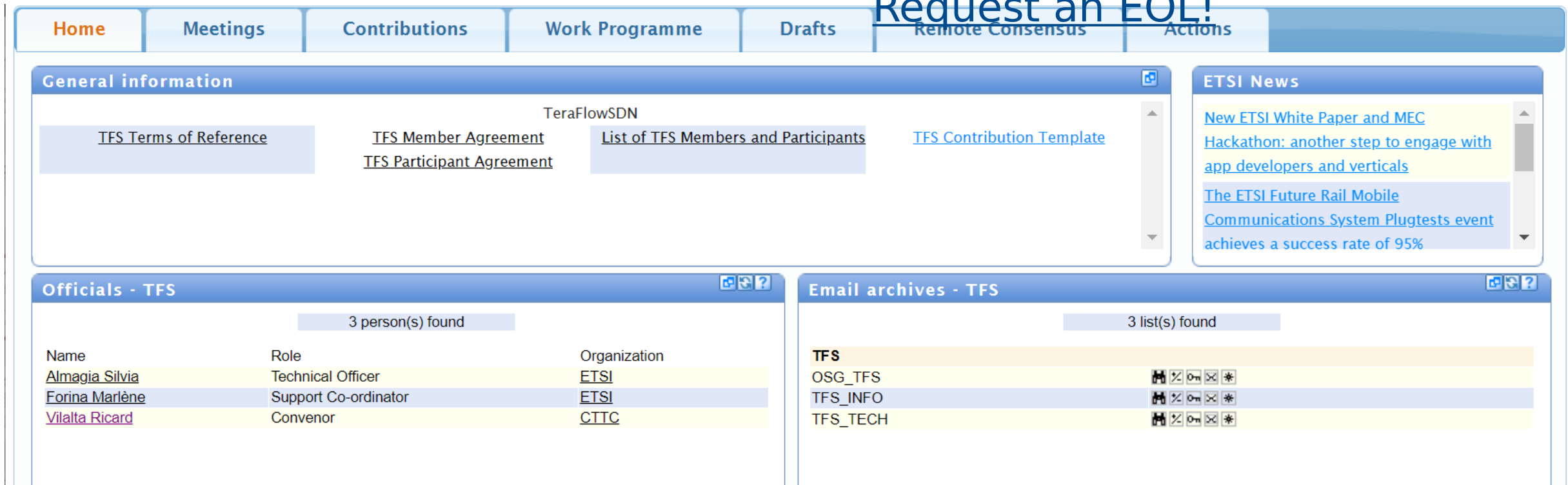
Working Tools

TFS page in ETSI Portal (I)

<https://portal.etsi.org/tfs>

Login with ETSI Online Account
(EOL)

Request an EOL!



The screenshot shows the ETSI TFS portal interface. At the top is a navigation bar with tabs: Home, Meetings, Contributions, Work Programme, Drafts, Remote Consensus, and Actions. Below the navigation bar is a 'General information' section with links for TFS Terms of Reference, TFS Member Agreement, TFS Participant Agreement, List of TFS Members and Participants, and TFS Contribution Template. To the right is an 'ETSI News' section with links for New ETSI White Paper and MEC Hackathon, The ETSI Future Rail Mobile Communications System Plugtests event, and a success rate of 95%. Below the general information is an 'Officials - TFS' section showing a table of officials. To the right is an 'Email archives - TFS' section showing a list of email archives.

General information

TeraFlowSDN

[TFS Terms of Reference](#) [TFS Member Agreement](#) [List of TFS Members and Participants](#) [TFS Contribution Template](#)

[TFS Participant Agreement](#)

ETSI News

[New ETSI White Paper and MEC Hackathon: another step to engage with app developers and verticals](#)

[The ETSI Future Rail Mobile Communications System Plugtests event achieves a success rate of 95%](#)

Officials - TFS

3 person(s) found

Name	Role	Organization
Almagia Silvia	Technical Officer	ETSI
Forina Marlène	Support Co-ordinator	ETSI
Vilalta Ricard	Convenor	CTTC

Email archives - TFS

3 list(s) found

TFS
OSG_TFS
TFS_INFO
TFS_TECH

TFS page in ETSI Portal (II)

🌐 In the **Home** TAB

- 🕒 Links to TFS Member & Participant Agreements
- 🕒 List of current TFS members
- 🕒 TFS Terms of Reference (ToR)
- 🕒 TFS contribution templates (doc)
- 🕒 Mailing lists and email archives
- 🕒 List of officials
- 🕒 Coming soon:
 - 🕒 Link to Working Procedures

🌐 In the **Meetings** TAB

- 🕒 Calendar and registration to TFS meetings

🌐 In the **Contributions** TAB

- 🕒 Contributions to TFS Plenary Meetings
- 🕒 How to reserve & upload contributions:
http://help.etsi.org/index.php?title=Contributions_e_learning

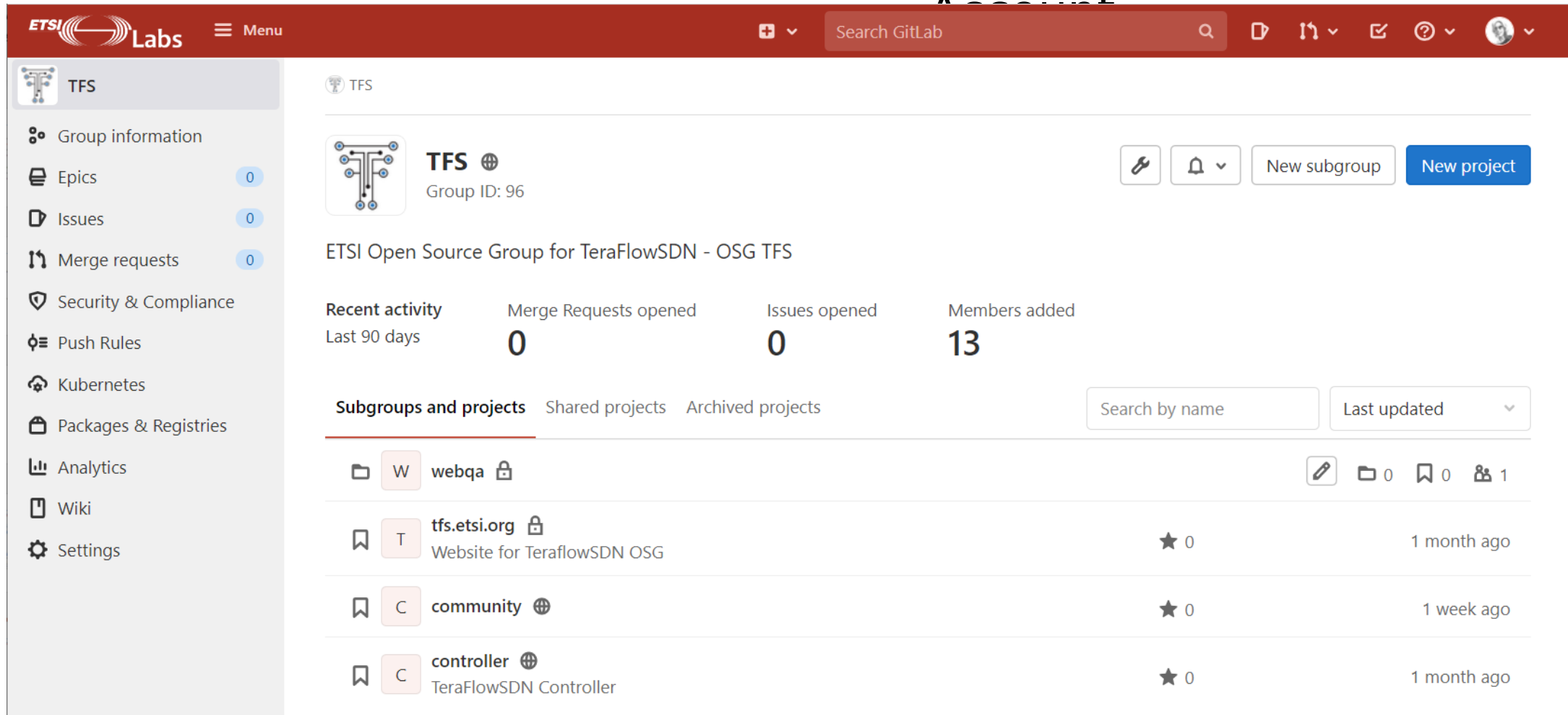
TFS Mailing Lists

- OSG_TFS@list.etsi.org
 - All TFS Members and Participants
- TFS_TECH@list.etsi.org
 - TFS Members, Participants, Individual Contributors and Users
- TFS_INFO@list.etsi.org
 - Open to all
- TFS_LG@list.etsi.org
 - TFS Leadership Group (Chair and Vice-Chairs)
- TFS_TSC@list.etsi.org
 - TFS Technical Steering Committee

TFS Repos in ETSI Labs (I)

<https://labs.etsi.org/rep/tfs>

Login with ETSI Online



The screenshot shows the ETSI Labs TFS (TeraFlowSDN Open Source Group) page. The page has a red header with the ETSI Labs logo and a search bar. A left sidebar contains navigation links for Group information, Epics, Issues, Merge requests, Security & Compliance, Push Rules, Kubernetes, Packages & Registries, Analytics, Wiki, and Settings. The main content area displays the TFS group information, including the group ID (96) and a description: "ETSI Open Source Group for TeraFlowSDN - OSG TFS". Below this, there are statistics for recent activity: Merge Requests opened (0), Issues opened (0), and Members added (13). A section titled "Subgroups and projects" lists several subgroups and projects, including "webqa", "tfs.etsi.org", "community", and "controller". Each item shows its name, a lock icon, a star icon, and the time it was last updated.

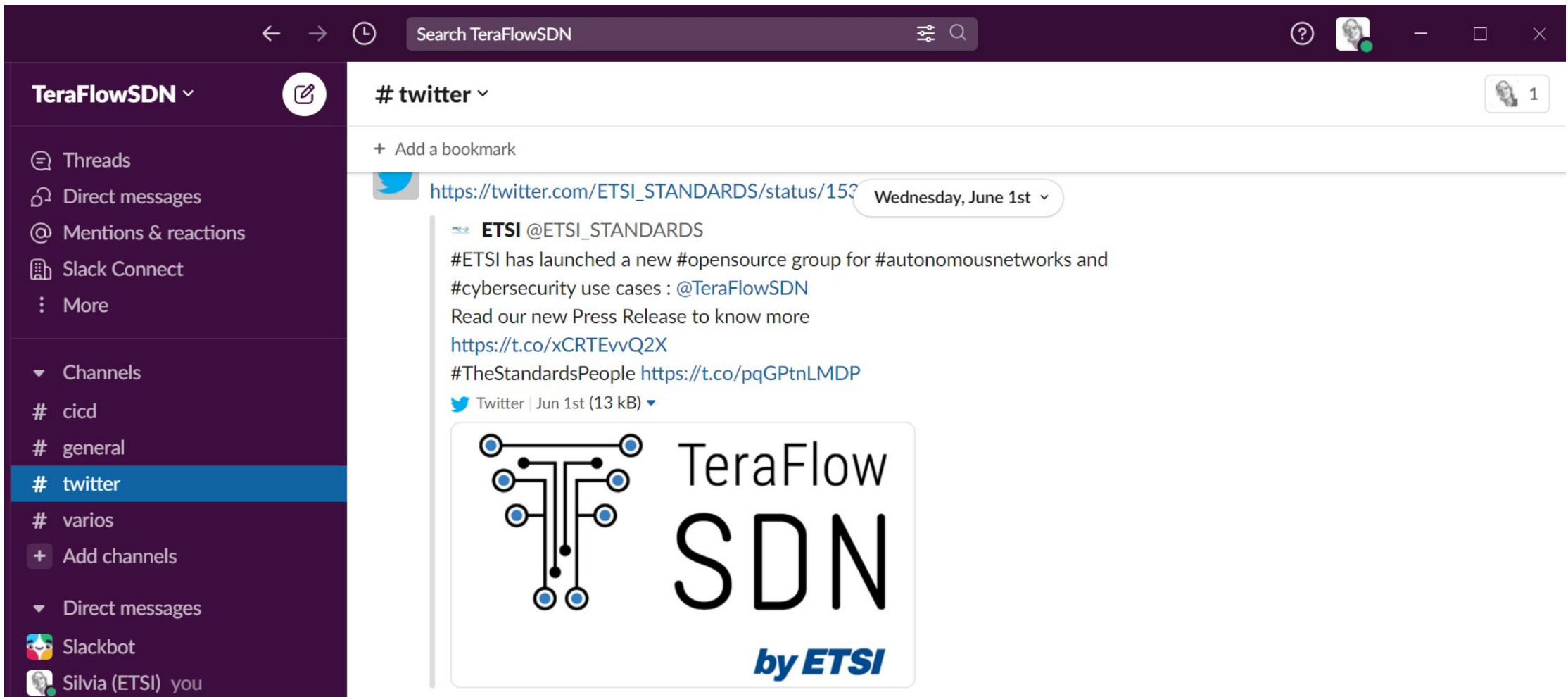
Subgroups and projects	Shared projects	Archived projects	Search by name	Last updated
W webqa				
T tfs.etsi.org Website for TeraflowSDN OSG			★ 0	1 month ago
C community			★ 0	1 week ago
C controller TeraFlowSDN Controller			★ 0	1 month ago

TFS Repos in ETSI Labs (II)

- Public Repos:
 - Controller
 - Mirror to TeraFlow Controller (1st Release):
<https://gitlab.com/teraflow-h2020/controller/>
 - Community
 - TeraFlowSDN Logos
 - TeraFlowSDN PowerPoint Templates
 - Coming Soon: Wiki pages
- Restricted Repos:
 - Tfs.etsi.org
 - TFS Website templates & contents
 - WebQA
 - TFS QA Webpage (for Web contents validation)

<https://teraflowsdn.slack.com/>

[Join TFS Slack](#)



TeraFlowSDN ▾

- Threads
- Direct messages
- Mentions & reactions
- Slack Connect
- More

▼ Channels

- # cicc
- # general
- # twitter
- # varios
- + Add channels

▼ Direct messages

- Slackbot
- Silvia (ETSI) you

twitter ▾

+ Add a bookmark

https://twitter.com/ETSI_STANDARDS/status/1570000000000000000 Wednesday, June 1st ▾

ETSI @ETSI_STANDARDS

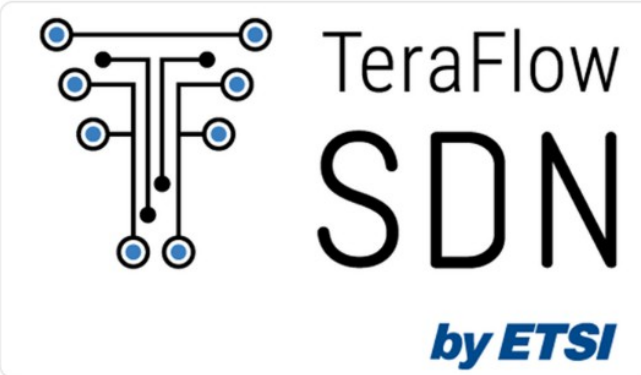
#ETSI has launched a new #opensource group for #autonomousnetworks and #cybersecurity use cases : @TeraFlowSDN

Read our new Press Release to know more

<https://t.co/xCRTEvvQ2X>

#TheStandardsPeople <https://t.co/pqGPtnLMDP>

Twitter | Jun 1st (13 kB) ▾





Welcome to ETSI PADs

Select your PAD !

Pad Public

Pad Public Weekly

Pad Private

Ethercalc Public

A screenshot of the Etherpad web interface. The top toolbar contains various editing tools like bold, italic, underline, and list creation. The main editing area shows a document with the text "Welcome to Etherpad!" on line 1, followed by a paragraph on line 2: "This pad text is synchronized as you type, so that everyone viewing this page sees the same text. This allows you to collaborate seamlessly on documents!". Line 3 contains the text "Get involved with Etherpad at <https://etherpad.org>". A vertical line number indicator on the left shows lines 1 through 6. In the bottom right corner, a "CHAT" window is open, showing a speech bubble icon and the number "0". The bottom status bar includes icons for undo, redo, and other document actions.

TFS Webpage

<https://tfs.etsi.org/>



[HOME](#) [ABOUT](#) [NEWS](#) [LEGAL](#) [CONTACT](#)

ETSI Open Source Group for TeraFlowSDN

The ETSI Open Source Group for TeraFlowSDN (OSG TFS) is developing an open source cloud native SDN controller enabling smart connectivity services for future networks beyond 5G.

[LEARN MORE](#)



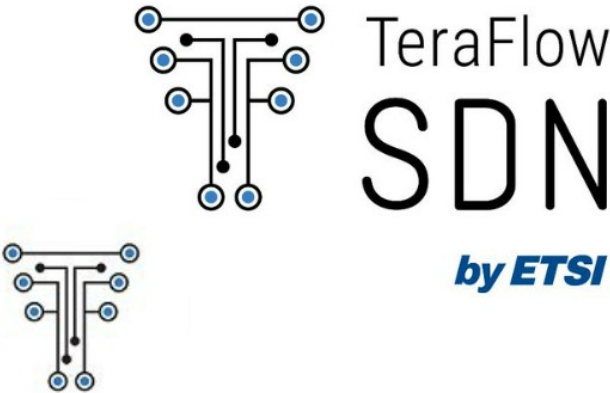
TeraFlow
SDN
by ETSI

TFS Social Media

Twitter: [@TeraFlowSDN](https://twitter.com/TeraFlowSDN)

LinkedIn: [TeraFlowSDN](https://www.linkedin.com/company/TeraFlowSDN)

← **TeraFlowSDN**
19 Tweets



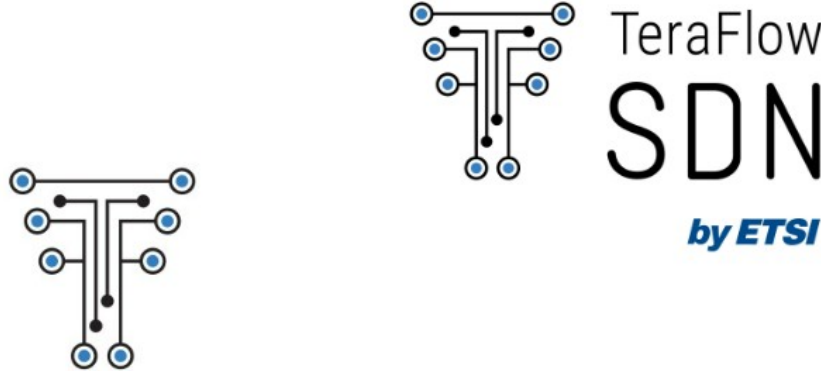
TeraFlowSDN
@TeraFlowSDN

TeraFlowSDN is an ETSI-hosted project developing a smart SDN controller for a tera of SDN flows. Join us! tfs.etsi.org

🌐 Planet Earth 📅 Joined May 2022

47 Following 24 Followers

Edit profile



TeraFlowSDN

TeraFlowSDN is an ETSI-hosted project developing a smart SDN controller for a tera of SDN flows. Join us!

Telecommunications · Valbonne, Provence-Alpes-Côte d'Azur · 135 followers

✓ Following Learn more More

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TFS Support

TFS Support

TFSsupport@etsi.org is the contact point for ALL requests.



Silvia Almagia – TFS Technical Officer

- ETSI Secretariat responsible for TFS
- Support and advice to different TFS groups
- TFS development tools & processes

Marlene Fiorina– TFS Support Co-ordinator

- Logistics, meetings, mailing lists,
- TFS membership, ETSI portal, ..



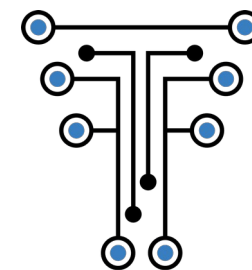
What TFS Support can do for you (I)

- Support TFS Development Tools and Processes:
 - Provide help and support on the TFS development platform:
 - User groups management, tools admin, ...
 - Support the TFS development and release processes
- Provide support and advice to different TFS Groups
- Coordinate support from different ETSI Secretariat services:
 - IT, COMs, Events, Legal, CTI (Hackfests, Plugtests..), ...

What TFS Support can do for you (II)

Help with ETSI Tools and Processes:

- Assist new TFS members and participants
- Help with EOL Accounts
- Guidance and support on the ETSI portal: portal.etsi.org/tfs
- Manage the TFS mailing lists
- Manage the TFS calendar of meetings and invitations
- Assist with Conf-Call logistics



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!Thank You

TFSsupport@etsi.org