



2020

ANNUAL REPORT



Introduction

2020 was a year of challenges, as well as a year of celebrations for the Python Software Foundation (hereafter 'PSF'). While COVID-19 forced the cancellation of PyCon US in-person, our community rose to the challenge and stepped up to support our non-profit in many ways!

The PSF's priority is the health and safety of the community and when COVID-19 made it unsafe to hold PyCon US in 2020, **we cancelled the event**. The cancellation had several impacts on the PSF, not least of which was the **financial** impact. However, our community helped us raise more than \$579K USD in donations from event sponsors and registrants when we announced the cancellation. Our staff and board directors were deeply moved by the empathy and understanding of the community and our supporting organizations. Additionally, our staff and volunteers put together many online resources for **PyCon US Online** for Pythonistas to enjoy from the safety of their homes!

As PyCon US typically generates 65% of the PSF's revenue, we started planning how we can diversify our revenue to make the PSF more sustainable. In 2020, our staff and board of directors realized there is no better time than now to create new revenue streams for the PSF and become less reliant on PyCon US. We are currently working on ways to introduce paid features for the Python Package Index and researching other options. **Financial impacts aside, the PSF community did continue to grow in 2020!**

The PSF launched two new Work Groups! The first was the **Funding Work Group** whose mission is to help our community seek external grants for their own projects. The second, the **Diversity and Inclusion Work Group**, was launched to improve geographical diversity amongst the board and the PSF membership.

Our membership grew as well! **33 new Fellow Members** were voted in by our Fellow Work Group and over 200 new Contributing and Managing Members **self certified!** Additionally, the PSF continued to operate its programs and initiatives throughout the year.

Trademark support continued throughout 2020 to ensure we protect "Python", "PyCon", "PyLadies", and "PyPI" globally. The PSF continues to file nec-

essary trademarks for all these terms and applicable logos. This work helps strengthen and protect terms that are staples within our community.

Our projects and established Work Groups accomplished so much last year. PyLadies launched **its new governance model**. Several of our Work Groups continued their efforts including the Code of Conduct Work Group and the Scientific Work Group.

The PSF's **Grants Program** was paused for part of 2020 due to the pandemic, however it was **re-launched in September** of 2020 with the focus of supporting virtual efforts, for the time being. The Python Software Foundation Meetup Pro Network grew to include 82 groups in 19 countries with over 129,000 members!

In 2020, **PyCon US 2021** planning started! The event will be virtual but our staff is working on making it as interactive an experience as possible!

Throughout 2020, Python infrastructure, CPython, and Packaging continued to evolve. An initiative was started to improve CPython processes by migrating bugs to GitHub. Some additional highlights included Python Packaging receiving several grants to support new features including localization & internationalization for PyPI, the introduction of Secure PyPI downloads with signed repository metadata, and a new dependency resolver for pip.

For 2021, our goals are to continue to work on making the PSF financially sustainable and also improve community support via several initiatives. The PSF will be hiring a Developer-in-Residence to support CPython as well as a Director of Resource Development to spearhead fundraising efforts. We look forward to sharing these and many more updates with everyone as they develop.

We wish everyone a safe and healthy 2021.



Ewa Jodlowska
Executive Director



Lorena Mesa
Board Chairperson

PSF Financials 2019-2020

CONSOLIDATED FINANCIAL STATEMENT (\$ IN THOUSANDS)

REVENUE		
	2020	2019
Program Service Revenue	\$1,099	\$3,326
Contributions, Membership Dues, & Grants	\$1,382	\$1,330
Other Revenue	\$29	\$36
TOTAL REVENUE	\$2,510	\$4,692

EXPENSES		
	2020	2019
Program Service Expenses	\$782	\$2,541
Staffing	\$629	\$699
Information Technology	\$267	\$185
Insurance	\$92	\$68
Legal	\$97	\$199
Other Expenses	\$64	\$146
TOTAL EXPENSES	\$1,931	\$3,838

NET INCOME	\$579	\$854
-------------------	--------------	--------------

CONSOLIDATED FINANCIAL STATEMENT (\$ IN THOUSANDS) [CONT'D]

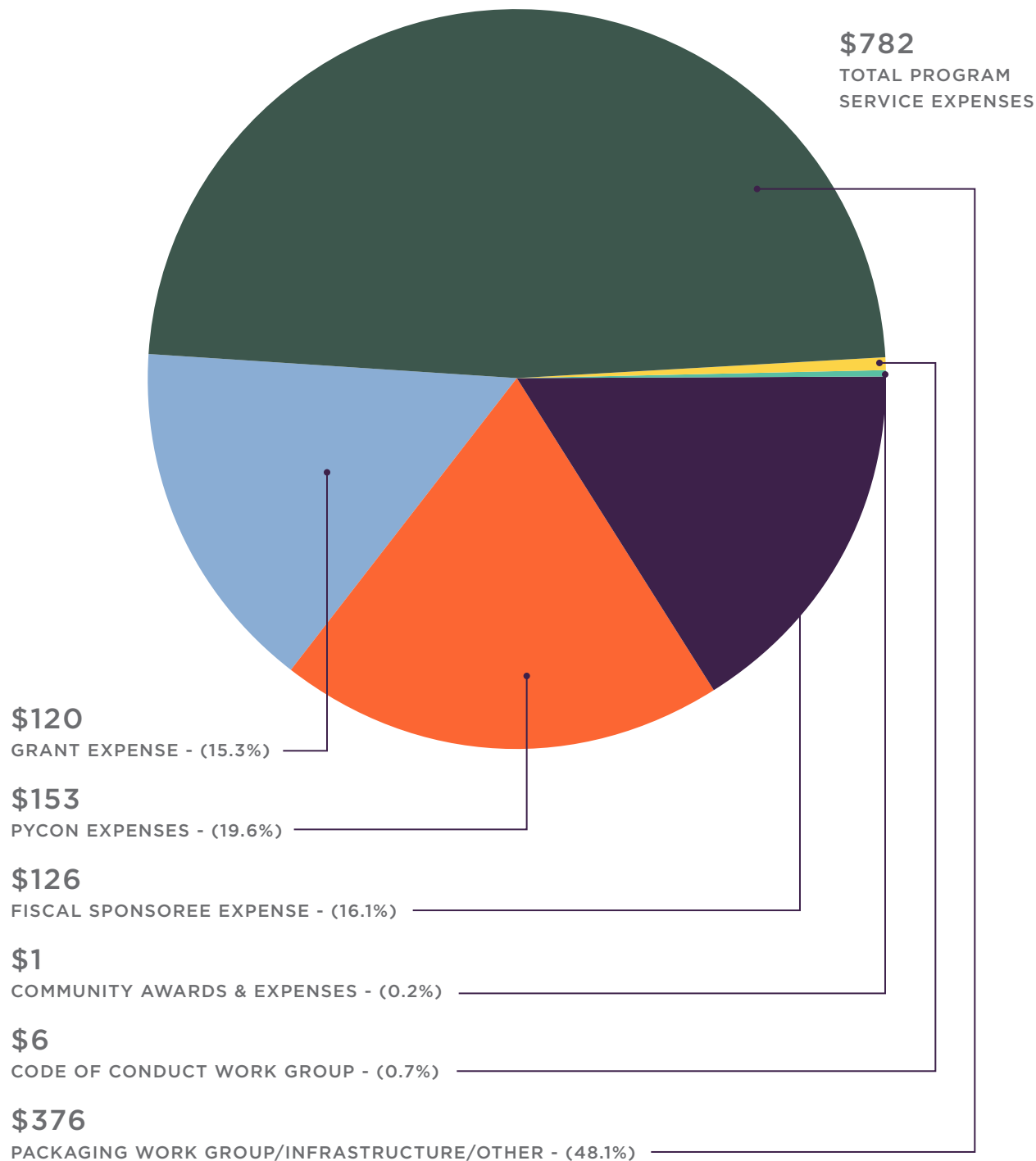
ASSETS		
	2020	2019
Cash and Cash Equivalents	\$3,656	\$4,131
Accounts Receivable - Net	\$415	\$429
Other Current Assets	\$60	\$150
TOTAL ASSETS	\$4,131	\$4,710

LIABILITIES		
	2020	2019
Deferred Revenue	\$89	\$1,180
Accounts Payable and Other Liabilities	\$60	\$133
TOTAL LIABILITIES	\$149	\$1,313

NET ASSETS		
	2020	2019
Net Assets Without Donor Restrictions	\$3,306	\$2,692
Net Assets With Donor Restrictions	\$676	\$705
TOTAL NET ASSETS	\$3,982	\$3,397
TOTAL LIABILITIES AND NET ASSETS	\$4,131	\$4,710

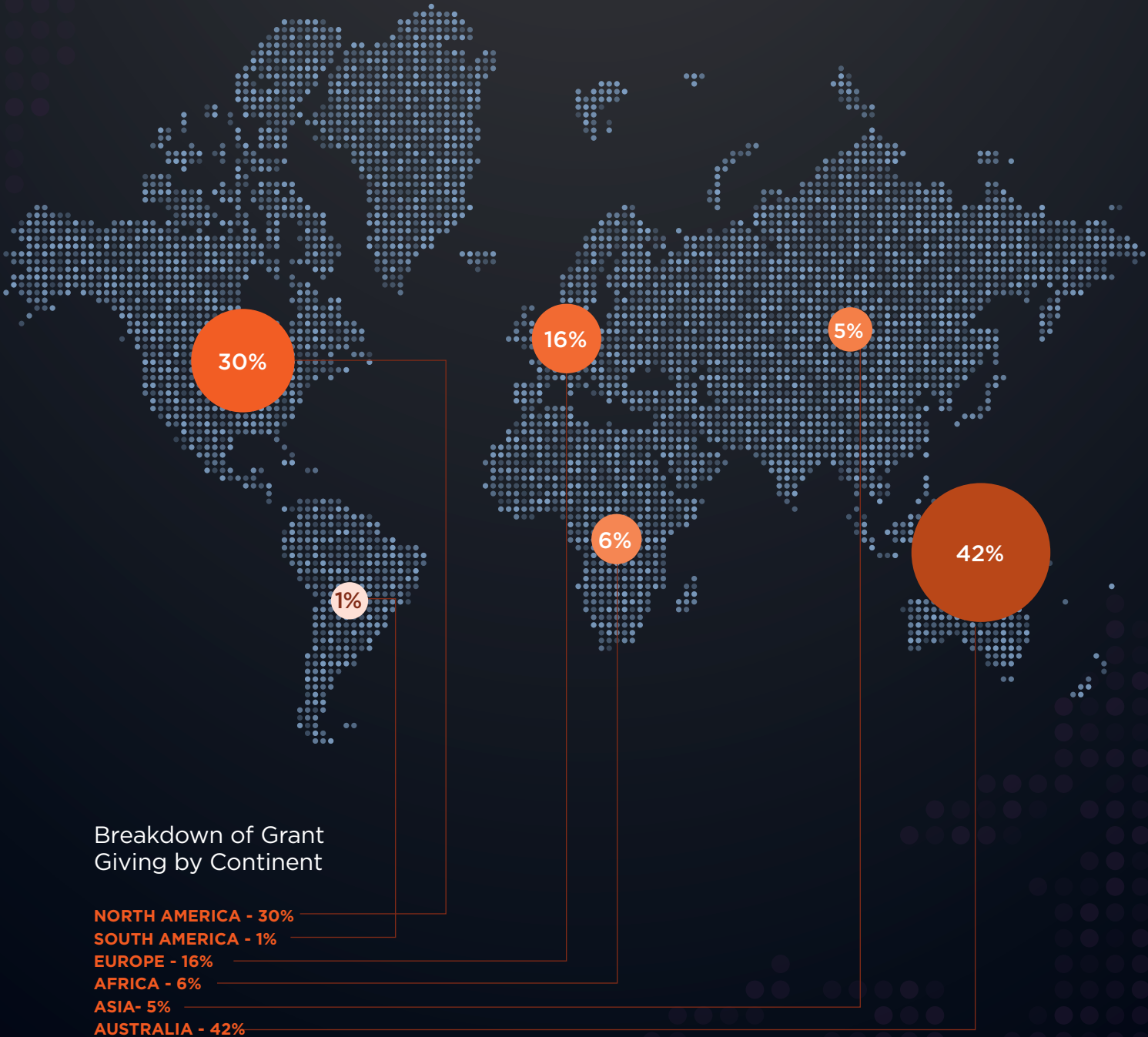
2020 Program Service Expenses

(\$ IN THOUSANDS)



Grants by Continents

From 2015 through 2019, the PSF increased funding for Python grants around the world. Although 2020 grants were lower than previous years due to COVID-19, the PSF restarted the grants program in September 2020 with a focus on supporting virtual events and projects.

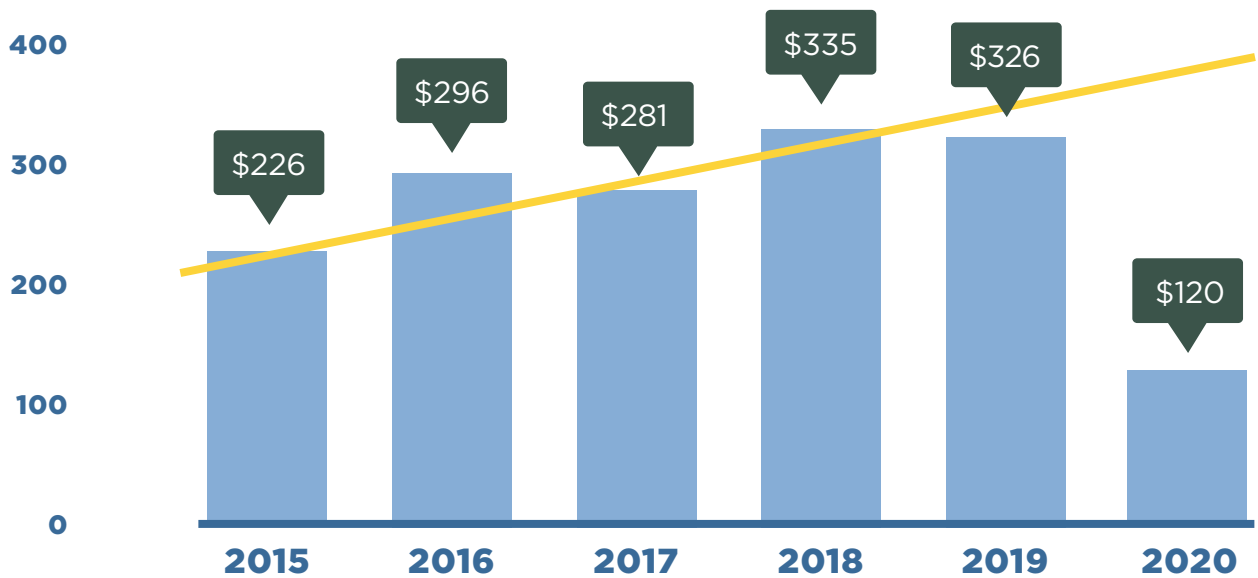


Grants by Year

The pandemic negatively affected the PSF's finances with the cancellation of PyCon 2020's in-person conference and lower donations. Because in-person events were cancelled, the PSF had to pause its international Grants Program over the summer. We were able to re-launch it in September, focusing on virtual sprints, virtual events, and Python core development support.

PSF Grant Trends Over 6 Years

(\$ IN THOUSANDS)

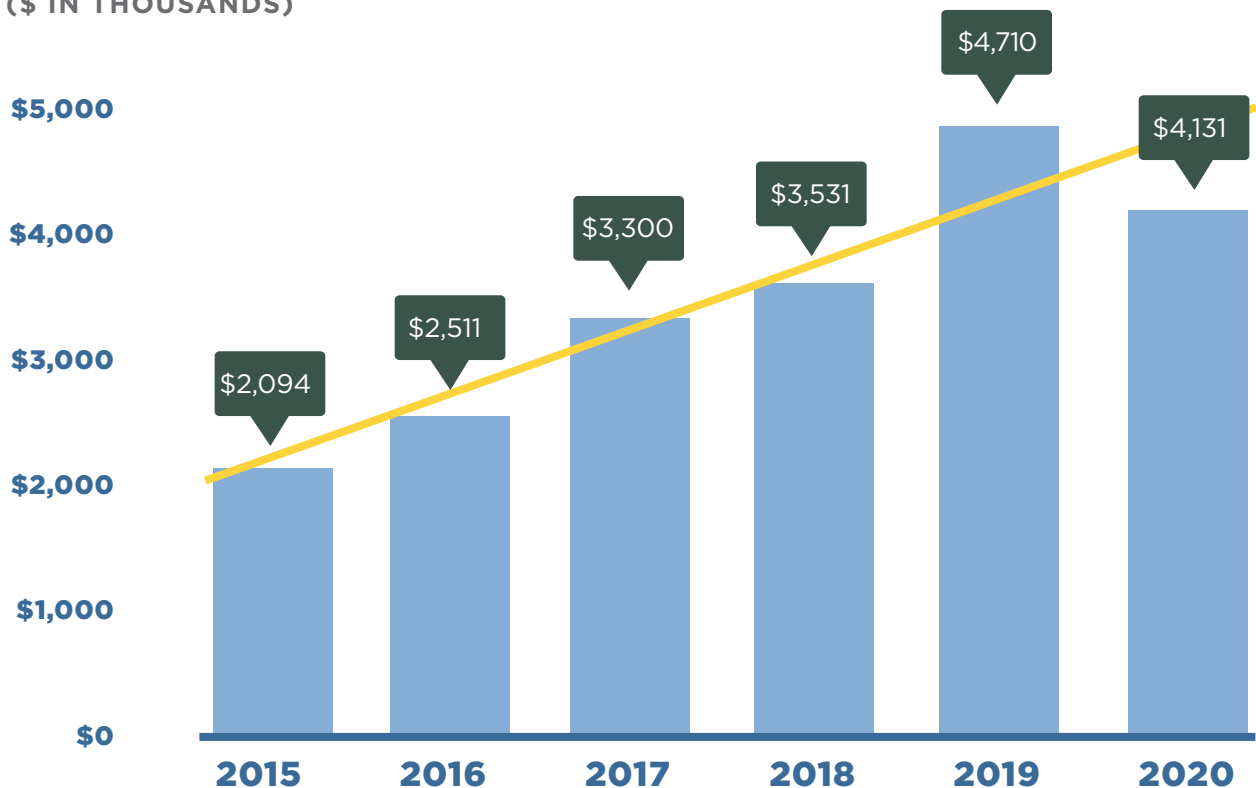


Growth of Assets by Year

The PSF will continue to research diversifying revenue streams, hiring additional staff, and improving our fundraising efforts, which will all affect future financials. We would like to continue to improve the services we provide to the community, expand our programs, and better support developers. We also need to consider risk mitigating factors such as having diverse revenue streams instead of heavily relying on PyCon and a financial reserve of at least 1.5 years (in operating costs). This will help ensure the PSF's viability for the long run.

PSF Asset Trends Over 6 Years

(\$ IN THOUSANDS)



Our People

Board of Directors

Kushal Das
Ewa Jodlowska
Jannis Leidel
Van Lindberg
Lorena Mesa
Katie McLaughlin
Marlene Mhangami
Christopher Neugebauer
Anna Ossowski
Jeff Triplett
Thomas Wouters
Nina Zakharenko
Dustin Ingram

2020-2021 PSF Officers

PRESIDENT

Guido van Rossum

CHAIR

Lorena Mesa

VICE CHAIR ELECT

Thomas Wouters

VICE CHAIRS

Marlene Mhangami,
Chris Neugebauer

EXECUTIVE

DIRECTOR

Ewa Jodlowska

SECRETARY

Ewa Jodlowska

ASSISTANT

SECRETARY

Betsy Waliszewski

TREASURER

Jeff Triplett

COMMUNICATIONS

Jannis Leidel, Katie
McLaughlin

GENERAL

COUNSEL

Van Lindberg

EVENT MANAGER

Jackie Augustine

PYCON CHAIR

Emily Morehouse-
Valcarcel

PSF Staff



Ewa Jodlowska
Executive Directive



Ee W. Durbin III
Director of Infrastructure



Jackie Augustine
Event Manager



Betsy Waliszewski
Sponsorship Coordinator



Phyllis Dobbs
Controller



Joe Carey
Accounting Manager



Laura Graves
Financial Analyst

Python Software Foundation Top Sponsors

VISIONARY



SUSTAINABILITY



MAINTAINING



CONTRIBUTING



SUPPORTING



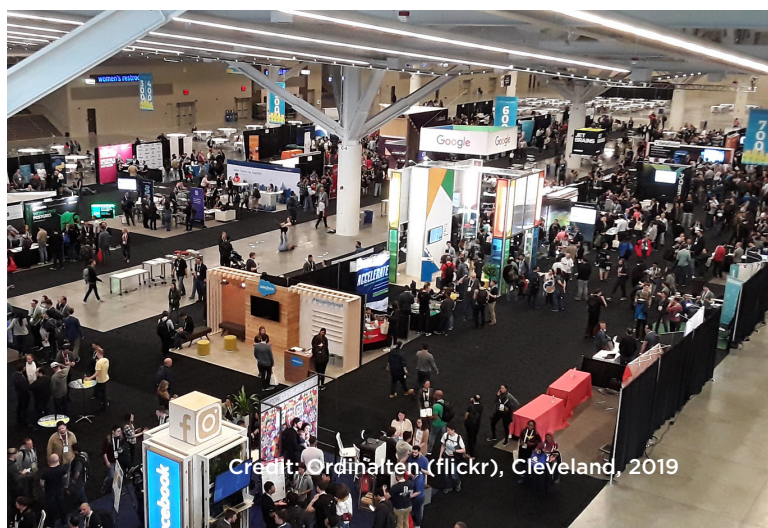


Credit: Kenneth Reitz, Cleveland, 2019



Our Python Community

We experienced some wonderful things within the Python community throughout 2020!



Credit: Ordinariten (flickr), Cleveland, 2019

PyCon US

- ⊕ Our community supported the PSF through PyCon 2020's cancellation by helping us raise more than \$579K USD in donations from event sponsors and registrants after we announced the cancellation.
- ⊕ Our staff reacted quickly to provide as much content as possible, in lieu of the in-person event, online. Talks and tutorials are all **available!**
- ⊕ **PyCon US 2021** will be held virtually!



Credit: Kenneth Reitz, Cleveland, 2019



Credit: Sayan Chowdhury, India, 2018

PSF Board Updates

- ⊕ The PSF board and staff focused on **geographical diversity** amongst the board and members, which eventually led to the creation of the **Diversity and Inclusion Work Group**. Board members **released an update** on additional work at the end of December.
- ⊕ The PSF approved a Funding Work Group to help our community seek out external grants for their own projects.

PSF Grants Program

- ⊕ Even though the PSF had to pause its international **Grants Program** over the summer, it was relaunched in September!



Credit: Thais Viana, Brazil, 2019



Credit: Mark Hawkins, UK, 2019



Credit: Mark Hawkins, UK, 2019



Credit: Kristina D.C. Hoepfner, New Zealand, 2019

Infrastructure Improvements & Core Development

- ⊕ pip 20.3 was released, which features the new dependency resolver. This work was funded through grants the PSF received from **MOSS** and **CZI**.
- ⊕ Read about the **Virtual Python Core Developer Sprint 2020** and the **2020 Python Language Summit!**
- ⊕ Implementation of The **Update Framework** is underway for PyPI to help secure downloads for users thanks to **Facebook Research**. Our publicly auditable key generation ceremony was performed at the end of October.
- ⊕ In 2021 we will be hiring a Developer-in-Residence to assist core development.



Nigeria, 2019



Spain, 2019

Community

- ⊕ The Python Software Foundation Meetup Pro Network covers 82 groups in 19 countries with over 129,000 members with more groups slated to join in 2021.
- ⊕ Our membership grew! Over two dozen **Fellow members** were voted in, 159 contributing/managing members self-certified, 184 new supporting members signed up!
- ⊕ The PSF awarded **Community Service Awards** to 7 amazing volunteers (two more will be announced this month for Q4!)

ngo girls
Algiers

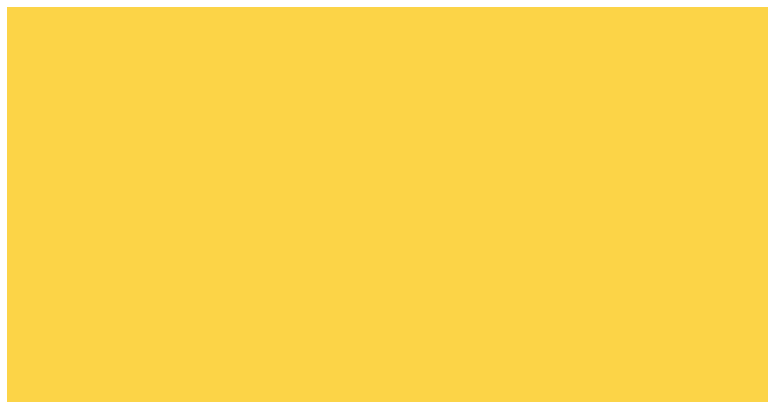
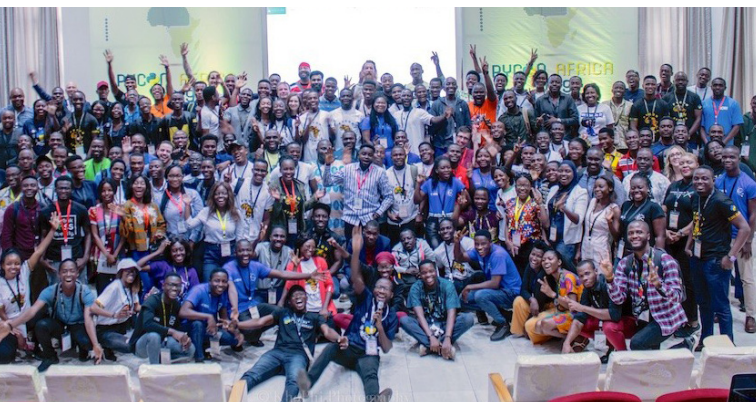


<CODE
LIKE
A
GIRL>.



Sponsorship

- ⊕ The PSF launched a **new sponsorship program** to offer impactful benefits to sponsors and bring in funding for PyPI and core Python maintenance/improvements.





Credit: Mark Hawkins, UK, 2019



Credit: Sayan Chowdhury, India, 2018

Fundraising

- ⊕ The PSF hosted an end-of-the-year fundraiser, which was extremely successful. In 2020, the PSF raised over \$1,555K US in donations.



We take digital products from zero to one

Spain, 2019

⊕ TOP MAJOR GIFT DONORS - 2020

- PayPal Giving Fund
- Microsoft Corporation
- Capital One NA
- Facebook
- JetBrains
- GitHub
- Slack
- Google
- Salesforce
- IBMQ

Fiscal Sponsorship

- ⊕ We continue to expand the program and currently have fiscal sponsorship agreements with 10 groups including Pallets (Flask), Boston Python, PhillyPUG, PuPPy, PyBeach, PyCascades, PyHawaii, PyLadies, PyMNTos, and San Diego Python; 3 new fiscal sponsorees are expected to join the PSF in Q1 2021. Through this effort, the PSF is able to support these projects by handling their accounting and admin work so the projects can concentrate on furthering their goals.



Python in Education

- ⊕ Volunteers and a project manager are currently working on a Python in Education site that will be the PSF's hub for all things education. It will serve as a one-stop-shop for educator resources and development, learning materials, and an active community of Python educators from around the globe. The site will officially launch in May 2021.
- ⊕ In 2020, the PSF sponsored support to the Hidden Genius Project to incorporate Python into their curriculum in the amount of \$10K USD. Hidden Genius trains and mentors Black male youth in technology creation, entrepreneurship, and leadership skills to transform their lives and communities.



Trademarks

- ⊕ We continue to work on important trademark filings around the world to ensure trademarks such as Python, PyCon, and PyPI are protected. In 2020, we began filing trademark applications for PyLadies as the group announced a **new governance model** in September of 2020.



The *NEW* PSF Sponsorship Program

The PSF is excited to unveil a new sponsorship program that offers an array of PSF, PyPI (Python Package Index), CPython, and PyCon benefits. The PSF created a menu that allows you to choose where you want your sponsorship dollars to go.

We recognize that a virtual conference doesn't have the same impact as an in-person event. We counterbalanced that by providing benefits across Python's ecosystem that include a broad range of promotional opportunities for a full 12 months, not just during PyCon. Join us as a sponsor and help make a difference in the Python ecosystem!

What's the story behind the new sponsorship packages?

In addition to providing more impactful benefits, the PSF is growing the support it provides to core development and packaging. The below list can provide guidance to companies wanting to support what the PSF does already and what it can do in the future:

+ Visionary: The support that is received from Visionary Sponsors helps ensure that Python has a strong and viable future. Visionary Sponsors want to take Python through the next 5 years and beyond. They are committed to helping the PSF make a difference in the entire Python ecosystem.

- + Sustainability:** Sustainability Sponsors support the PSF's efforts to increase CPython's sustainability, improve pypi.org and packaging, and expand our grants program. The support Sustainability Sponsors provide secures financial stability for the PSF to address such improvements.
- + Maintaining:** Maintaining Sponsors are committed to supporting the PSF, PyPI, and PyCon. Financial contributions from Maintaining Sponsors helps us keep our current operations going.
- + Contributing:** Contributing Sponsors support the PSF by giving what is possible so we can continue running our programs and address community needs.
- + Supporting:** Supporting Sponsors support the cause! The funding that Supporting Sponsors give supports the mission of the PSF and emphasizes importance of Python and our community
- + Partner:** Partner Sponsors enjoy partaking in and supporting PyCon US, as well as supporting the Foundation and PyPI.
- + Participating:** Participating sponsors enjoy some PyCon US participation, as well as supporting the Foundation and PyPI.
- + Associate:** Associate sponsors are smaller organizations that want to show a commitment to our community and the PSF.

The PSF...

... produced PyCon US 2019 with **3,500+ attendees** from 50+ countries, which provided the PSF w/ 65% of its revenue

... awarded **\$50K USD** to Beeware in 2019 to better establish Python on Android

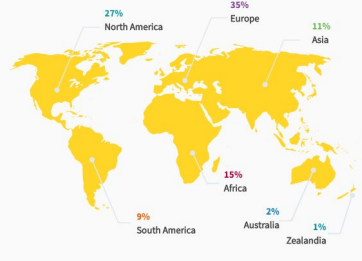
... maintains pypi.org, which currently provides **23 billion** requests per month to Python users

... awarded over **\$138K USD** to 140 attendees via PyCon's Financial Aid Program in 2019 (for 2020 it would have been \$220k USD)

... was awarded \$582K USD in 2019 from CZI, Facebook & Mozilla & \$390K in 2020 from Google to improve PyPI, packaging & CPython.

... supported **10 Python projects** & manages \$206K USD of their funds in 2020

... spent **\$198K USD** strengthening trademarks in 2019 and **\$93K USD** in 2020



... awarded **\$444K USD** in support to initiatives around the world to **66 different countries** in 2019 and 2020!

... allocated **\$30K USD** to support CPython through a complete migration to GitHub in 2020 and in 2019 allocated **\$19K USD** to assist CPython with Python 2 sunset communications

... allocated **\$25K** to support CPython development via sprints in 2019 and **\$6K** for sprint stipends in 2020

... overall has disbursed **\$1,584K USD** in financial support through its Grants Program to trainings, conferences, sprints, and development all over the world between 2015 and 2020

How Can I Get Involved?

All of these initiatives help maintain and support the Python community and Python tools that you and the Python community use daily. This work can only be done with the generous financial support that organizations like yours provide. Whether you want to give back to this vibrant community or perhaps introduce your business or brand to like-minded industry professionals, the Python Software Foundation can help you accomplish those goals. Your contributions matter and they make an impact!

The PSF is recognized by the IRS as a 501(c)(3) non-profit charitable organization, and donations are tax-deductible for organizations that pay taxes in the United States.

We hope you'll join us as a sponsor and help make a difference in the Python ecosystem.

We'd love to talk with you. Please get in touch by contacting: **SPONSORS@PYTHON.ORG**