

Application 2023-12-195

Greening IETF protocols received

The following submission was recorded by NLnet. Thanks for your application, we look forward to learning more about your proposed project.

Contact

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organisation name ► UnCiv.nl

country ► Netherlands

consent ► You may keep my data on record

Project

code ► 2023-12-195

project name ► Greening IETF protocols

fund ► Core_Fund

requested amount ► € 20000

website ►

- <https://wiki.techinc.nl/Sustainability>

synopsis

"Greening IETF protocols"

Goal: adding environmental sustainability, de-growth & Climate Justice to IETF drafts & RFCs

Internet standardisation organisations decide what kind of technology is built today, and in the future. They do that in IETF / IETF / IAB, by publishing "Drafts" & RFC documents. Environmental sustainability is often not represented in these documents, because people who care about those issues do not have either time/energy or technical expertise to contribute.

I do have technical knowledge & interest, but I do not have spare time to do this in – that's why I need funding to take an unpaid sabbatical leave from work, to be able to dedicate my efforts to this project.

Successful outcomes would be:

- when the technical communities are incorporating sustainability considerations in their standards documents
- when more people in DeGrowth & Climate Justice community are involved in the standardisation & governance work
- when 4 (out of 10 current) IETF drafts have accepted my contributions

- stretch goal: a new draft, authored by me

Method:

- taking 6 months sabbatical
- doing research: reading already published materials, cooperating with authors, writing to mailing lists
- attending 2024 degrowth conf in spain in June 2024
- participating remotely in 2 or all 3 ietf's in 2024
- writing contributions, giving presentations
- optional: organising a small event / get-together to work collaboratively on this

Documents: https://wiki.techinc.nl/Sustainability#IETF_documents

experience

Through my work, I am already involved in the online IETF work on the "e-impact" (environmental impact) topics, since 2022;

<https://www.iab.org/activities/workshops/e-impact/>

<https://datatracker.ietf.org/doc/draft-iab-ws-environmental-impacts-report/>

(you can find my name on those pages)

My paper & presentation were instrumental in setting “big picture” goals for the working group:

<https://datatracker.ietf.org/program/eim-pact/about/>

As a follow-up, I published "A Plea for Climate Justice – Report from the IAB Workshop on e-Impact"

<https://labs.ripe.net/author/becha/a-plea-for-climate-justice-report-from-the-iab-workshop-on-e-impact/>

In May 2023, I presented the Climate Justice to the technical community of RIPE, in the talk & article

<https://ripe86.ripe.net/archives/video/1001/>
<https://labs.ripe.net/author/becha/environmental-impact-of-internet-urgency-de-growth-rebellion/>

In November 2023 I took part in in-person IETF conference in Prague

https://wiki.techinc.nl/File:Smaller_IETF_118,_Prague_2023_-_Report_with_Pictures_.pdf

I have been publishing on this topic and presenting at events since 2012:

https://wiki.techinc.nl/File:Vesna_IAB-BIAS-Workshop-Basic_Internet_And_Squirrels.pdf

&

https://wiki.techinc.nl/Sustainability#Ves-nas_Links

usage

- living costs stipend: 6*2000€
- travel expenses: 3*1000€
- organising a small event on the intersection of Sustainability / Tech / Climate Justice / DeGrowth: 3k

I do not have other funding, allot I might apply for it.

comparison

There is a lot of ongoing effort in this field, but it is not enough – we all can & should do more.

These are the concrete drafts I want to contribute more to:

<https://github.com/mallory/draft-beyond-carbon>

<https://datatracker.ietf.org/doc/draft-almprs-sustainability-insights/>

<https://github.com/cisco-open/green-monitoring/tree/main>

<https://datatracker.ietf.org/doc/draft-almprs-sustainability-insights/>

<https://datatracker.ietf.org/doc/draft-opsawg->

poweff/

<https://datatracker.ietf.org/meeting/118/materials/slides-118-opsawg-sessb-sustainability-insights-and-poweff>

<https://github.com/cpignata/e-impact/blob/main/ietf118/materials/slides-118-eimpact-benchmarking-00.pdf>

challenges

ecosystem

I am embedded in the ecosystem of e-impact:

I am part of the 10+ Mailing lists & (google) groups: https://wiki.techinc.nl/Sustainability#Mailing_Lists

I am keeping a collection of related Events:
<https://wiki.techinc.nl/Sustainability#2024>

I publish regularly reports from these events:
e.g. <https://labs.ripe.net/author/becha/computing-within-limits-2023/>
& <https://labs.ripe.net/author/becha/green-tech-2021-compilation/>

My concrete plans for 2023++ include: giving a talk at #37c3 (or #38c3), participating in BIAS workshop, organising a hackathon on "green tech", co-authoring presentation for LACNIC

meeting, speaking at APRICOT panel, and continuing to push for more sustainability talks at RIPE.

pgp

attachments

Check

Please check that the above contact details are correct and that any attachments you have included have been uploaded.

If you are in doubt, and near a deadline, don't hesitate to re-submit - better safe than sorry. If you want to make changes to the proposal, do the same.

If you experience any technical problems, please contact the [webmaster](#).

I checked the box but did not receive an email

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tegrity conditions - and thus our email to you will be discarded...

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