

Digital Public Goods Submission

Please also review the sample data for Farm OS given below this form. See issue -

<https://www.drupal.org/project/governance/issues/3319014>

Registry - <https://digitalpublicgoods.net/registry/>

Started with this tweet - <https://twitter.com/Dan4QoL/status/1587547923050643456>

Digital Impact Alliance Catalogue of Digital Solutions:

<https://solutions.dial.community/products/drupal>

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What is the definition of a Digital Public Good?

In 2019, a UN report recommended "that a broad, multi-stakeholder alliance, involving the UN, create a platform for sharing digital public goods, engaging talent and pooling data sets, in a manner that respects privacy, in areas related to attaining the SDGs" and "the governments of Sierra Leone and Norway, alongside UNICEF and the Indian think-tank iSPIRT, launch the DPGA [Digital Public Goods Alliance]." (Source: <https://digitalpublicgoods.net/who-we-are/>).

"The Digital Public Goods Alliance is a multi-stakeholder initiative with a mission to accelerate the attainment of the sustainable development goals in low- and middle-income countries by facilitating the discovery, development, use of, and investment in digital public goods." (Source: <https://digitalpublicgoods.net>).

The DPGA defines digital public goods as "**open-source software, open data, open AI models, open standards and open content that adhere to privacy and other applicable laws and best practices, do no harm by design, and help attain the SDGs [Sustainable Development Goals]**." (Source: <https://digitalpublicgoods.net/who-we-are/>).

There are 9 standards a software submitted to the DPGA's registry should include, described here: <https://digitalpublicgoods.net/standard/>

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Content from the form at

<https://submission.digitalpublicgoods.net/form>

This is a BETA version of our submission form and process which means we'll be learning from it and may contact you for follow-up information and input on the process as well as your project submission.

Project name * - [Drupal](#)

Required

Project aliases -

For example: acronyms

Project Description * - [Drupal is a 20+ year-old open source content management system powering nearly a million websites across government, higher-ed, non-profit, and other sectors.](#)

Include a concise 1-line description for this project.

Project Website URL * - <https://www.drupal.org/>

Public website (string must include http(s)://)

Contact name * - [Tim Lehnen](#)

If there is someone from the project we can contact for more information - please provide their full name

Contact email * - tim@association.drupal.org

Please provide the email of the contact person

What category best describes this project?

[Open Source Software](#)

[Open Dataset](#)

[Open Content Collection](#)

[Open Artificial Intelligence \(AI\) Model](#)

Source code open-source software typically managed by version control

Repository name * [Drupal GitLab](#)

Link to Github (or other) repository * <https://git.drupalcode.org/project/drupal.git>

Select all that apply.

Please identify which of the Sustainable Development Goals this project is relevant to *

[Drupal supports the Sustainable Development Goals in 2 parallel ways:](#)

1. [Direct support, in which the Drupal project itself advances the goals.](#)
2. [Indirect support, in which Drupal empowers other organizations to advance the SDGs.](#)

In fact, <https://sdgs.un.org/goals> is a Drupal site! In addition, there are other already recognized Digital Public Goods, such as FarmOS(<https://www.drupal.org/project/farm>), that are built with Drupal as the foundation.

Direct support:

4: Quality Education

The Drupal Association is a US-based 501c3 non-profit organization serving a global community. A core part of the Drupal Association and Drupal project's mission is to provide technology education at both in-person and online events. It is our belief that non-traditional education in technology skills is a tool for economic empowerment, and levels the playing field of earning opportunities for people across the globe.

The Drupal project and Association do this in a variety of ways:

- Educational sessions and content at DrupalCon:
 - <https://www.drupal.org/association/drupalcon/locations>
- A contribution mentorship program:
 - <https://www.drupal.org/community/contributor-guide/contribution-areas/mentor>
- The Discover Drupal program, an educational and career development program designed to uplift members of marginalized communities:
 - <https://www.drupal.org/association/discover-drupal>
- Fostering a global community of educators offering contribution mentorship and training:
 - <https://www.drupal.org/community/events>
- And a network of training partners:
 - <https://www.drupal.org/training>

8: Decent Work and Economic Growth

Hand-in-hand with the Drupal project's educational impact helping people develop technical skills in an increasingly online world, Drupal also provides direct opportunities for economic empowerment.

As an open source project with robust multilingual support a global community of contributors, Drupal is available to anyone, without licensing fees, dramatically lowering the start-up cost of digital business for entrepreneurs around the world.

Furthermore, Drupal jobs are tech jobs, not gate-kept traditional degrees or mandatory certifications, and can be done from anywhere in the world.

As an open source project, Drupal supports entrepreneurs who want to build a new business opportunity on the web. This is reflected in the nearly 1 million websites using Drupal today: <https://www.drupal.org/project/usage/drupal>

On the enterprise scale as well, analysts like Gartner and Forrester see significant economic opportunities in the use of open source softwares:

<https://www.forrester.com/blogs/what-open-sources-collision-with-paas-means-for-drupal-and-wordpress-services-forr-in-3-video/>

There is also an ecosystem of more than a thousand Drupal agencies hiring Drupal talent in nearly every country in the world, and tens of thousands of end-users who need the same talent. Because Drupal is a widely adopted technology in both the private and public sector, Drupal empowers those who learn it with more bargaining power and more opportunities for jobs in Open Source technology. Demand is high enough that the Drupal Association maintains jobs.drupal.org as a platform to connect talented Drupal developers to employment opportunities.

- <https://www.drupal.org/drupal-services>
- <https://jobs.drupal.org>
- <https://www.indeed.com/jobs?q=Drupal+Developer&l=&vjk=c4545e0824ca3195>

Finally communities all of the world have local associations that connect emerging Drupal talent with economic opportunities in their area:

- <https://www.drupal.org/node/3069614>

9: Industry, Innovation, and Infrastructure

Target 9.C: Universal access to information and communications technology

While this target is primarily focused on the *access* side of the innovation and infrastructure equation; that is, do people have affordable access to mobile networks and the internet - we fundamentally believe that this is not complete without also having access and control to *publish* their own words on these networks.

The Drupal project is philosophically aligned with the principles of the 'Open Web' - and in particular provides a web publishing platform that is not dependent on a centrally managed proprietary or government platform. By using Drupal, for free, individuals and organizations in any part of the world can own their platform and publish their content on the web freely.

10. Reduced Inequalities

Target 10.1: Reduce income inequalities

Target 10.2: Promote universal social, economic and political inclusion

Open source software such as Drupal offers a counter-balance to traditional economic models that extract resources from developing nations rather than providing them resources. By providing free access to a world-leading web publishing platform, Drupal empowers low-income users around the globe in two key ways.

Entrepreneurship - In the last two decades, entrepreneurs have built businesses based on Drupal all over the world, participating in an ecosystem of almost \$4 billion of economic activity. Many of these entrepreneurs are economically disadvantaged and underprivileged regions of the world.

Evidence: Geographical Drupal groups: [https://groups.drupal.org/og/all?keys=>_tid\[\]=141](https://groups.drupal.org/og/all?keys=>_tid[]=141)

Evidence: The Drupal Association just hosted a Young Africa Leaders Initiative fellow - <https://www.drupal.org/association/blog/drupal-association-selected-to-host-denaya-dennis-a-young-african-leader>

Social and political inclusion: The open web can be a powerful equalizer. In contrast to the increasingly proprietary platforms dominating web publishing, Drupal can be used by anyway to promote a social message or political point of view.

Evidence: Government and non-profit Drupal case studies from around the world: <https://www.drupal.org/case-studies?sectors%5B%5D=24660§ors%5B%5D=24496>

13: Climate Action

Drupal is used by 10% of the top 10,000 sites on the web, and 3% of the top 1 million. (<https://trends.builtwith.com/cms/Drupal>) By total traffic served rather than raw count the share may be even higher. 1 in roughly every 35 websites a user visits is likely to be a Drupal site. This means that optimizing the energy usage of the Drupal software has a significant impact on carbon emissions for major web properties all over the world.

The Drupal project is committed to evaluating the environmental impact and sustainability of it's software, and is partnering with major organizations such as Google to help improve the performance and thus carbon footprint of the web.

- <https://www.drupal.org/about/sustainability>
- https://www.youtube.com/watch?v=o7RgDlx8_90

17: Partnerships for the Goals

Drupal's support of goal 17 is best exemplified by the next section, in which we discuss the hundreds or even thousands of mission driven organizations that have chosen Drupal to advance their goals and the SDGs. As mentioned prior, the United Nations itself uses Drupal to publish, promote, and coordinate the SDGs- helping to grow the international partnership:

<https://sdgs.un.org/topics/technology>

<https://sdgs.un.org/topics/multi-stakeholder-partnerships-and-voluntary-commitments>

<https://partnershipaccelerator.netlify.app/>

Indirect support:

There are hundreds of organizations using Drupal to further their missions and advance the SDGs. Examples of organizations using Drupal to support each one of the SDGs is included below. The links to evidence link directly to the Drupal sites supporting each.

There are many more examples of each category that could be provided as additional support.

See Drupal Nonprofit List [here](#)

1: End Poverty in all its forms everywhere

Evidence: Even post-2015 the Millennium Campaign works to promote the MDGs, underlining their impact and that they continue to be a sound and worthwhile investment for all in the fight against global poverty.

Link to Evidence: <https://www.endpoverty2015.org/>

Evidence: For 40 years and in more than 40 countries, Mercy Corps has helped communities forge new paths to prosperity in the face of disaster, poverty, and the impacts of climate change.

Link to Evidence: <https://www.mercycorps.org/>

Evidence: The Elder Index is a measure of the income that older adults need to meet their basic needs and age in place with dignity.

Link to Evidence: <https://elderindex.org/about>

2: Zero Hunger

Evidence: UNICEF works to prevent all forms of malnutrition by improving children's and women's access to nutritious, safe, affordable and sustainable diets. We support quality nutrition, health, water and sanitation, and social protection services that keep children well nourished. We also promote optimal feeding, hygiene and care practices for children and women. Where prevention falls short, UNICEF prioritizes the early detection, treatment and care of malnourished children to help them survive, recover, and go on to live healthy and productive lives. Through nutrition programmes in 130 countries, we seek to reach children, adolescents and women everywhere – at key moments in life.

Link to Evidence: <https://www.unicef.org/nutrition>

3: Good Health and Well-Being

Evidence: Doctors Without Borders/Médecins Sans Frontières (MSF) cares for people affected by conflict, disease outbreaks, natural and human-made disasters, and exclusion from health care in more than 70 countries.

Link to Evidence: <https://www.doctorswithoutborders.org/>

Evidence: The CDC's National Prevention Information Network was the central portal for managing the COVID-19 response in the United States.

Link to Evidence: <https://npin.cdc.gov/>

Evidence: The Infant and Young Child Feeding (IYCF) Image Bank is a collection of over 900 images, developed from adaptations of UNICEF's Community Infant and Young Child Feeding Counselling Package; these, and other similar images about

recommended IYCF practices, have been used in more than 70 countries for counseling and training to promote behavior change for improved maternal and child nutrition.

Link to Evidence: <https://iycf.advancingnutrition.org>

Evidence: The TB DIAH Data Hub is part of the United States Agency for International Development's performance-based measures to end TB—the Global Accelerator to End Tuberculosis—and contains data and information for decision-making.

Link to Evidence: <https://hub.tbdiah.org>

Evidence: The Delta Center for a Thriving Safety Net brings together primary care associations and behavioral health state associations to advance policy and practice change; our ultimate goal is to cultivate health policy and a care system that is more equitable and better meets the needs of individuals and families.

Link to Evidence: <https://deltacenter.jsi.com>

Evidence: The goal of the High Performing Health Care System tool is to provide information about the functionality of health systems processes, functions, and intermediate outcomes.

Link to Evidence: <https://hphctool.org>

Evidence: The goal of the Child Health Task Force is to strengthen equitable and comprehensive child health programs - focused on children aged 0-19 years in line with Global Strategy for Women's, Children's and Adolescents' Health (2016-2030) - through primary health care, inclusive of community health systems.

Link to Evidence: <https://www.childhealthtaskforce.org>

Evidence: The Reproductive Health National Training Center (RHNTC) is your go-to source for family planning and adolescent health training and technical assistance.

Link to Evidence: <https://rhntc.org>

Evidence: STOP Spillover works with in-country stakeholders to understand and address the threats posed by zoonotic viral diseases and reduce the risk of viral spillover and spread.

Link to Evidence: <https://stopspillover.org>

Evidence: USAID Advancing Nutrition envisions a world where countries, communities, and families are well nourished, resilient, and able to thrive.

Link to Evidence: <https://www.advancingnutrition.org>

Evidence: The Country Health Information Systems and Data Use project (CHISU) strengthens country capacity, leadership, and self-reliance to manage and use high-quality health information systems to improve evidence-based decision-making.

Link to Evidence: <https://chisuprogram.org>

Evidence: The Information Mobilized for Performance Analysis and Continuous Transformation (IMPACT) Team approach is a structured supply chain problem solving and action planning approach; the IMPACT Team Portal is a hub for training these teams and measuring their performance in Kenya, Mozambique, Sierra Leone, and Tanzania.

Link to Evidence: <https://scdatause.org>

Evidence: The USAID COVID-19 Technical Assistance Implementing Partners Forum is a platform for bi-directional sharing of updates, experiences, and ideas to increase the potential effectiveness of USAID's COVID-19 investments.

Link to Evidence: <https://covidvaccineipforum.jsi.com>

Evidence: The Strengthening Systems of Care for People with HIV and Opioid Use Disorder Project provides coordinated technical assistance (in nine states) across HIV and behavioral health/substance use to ensure that people with HIV and OUD have access to care, treatment, and recovery services that are client-centered and culturally responsive.

Link to Evidence: <https://ssc.jsi.com>

Evidence: The Access Collaborative dashboard houses data and information on policies related to the roll-out of DMPA-SC (an injectable contraceptive) in 20 countries.

Link to Evidence: <https://dashboard.access-collaborative.com>

Evidence: Advancing Partners & Communities (APC) advances and supports community programs that seek to improve the overall health of communities and achieve other health-related impacts, especially in relationship to family planning.

Link to Evidence: <https://www.advancingpartners.org>

Evidence: The Strengthening Partnerships, Results, and Innovations in Nutrition Globally project (SPRING) was dedicated to strengthening global and country efforts to scale up high-impact nutrition practices and policies; SPRING provided state-of-the-art technical support focused on preventing stunting and maternal and child anemia in the first 1,000 days, linking agriculture and nutrition, and creating social and behavior change through communication.

Link to Evidence: <https://www.spring-nutrition.org>

Evidence: farmOS (built with Drupal) is used to track lab results that test food quality and compare against soil health practices.

Link to Evidence: <https://proofingfuture.eu/2022/02/09/bionutrient-food-association/>

4: Quality Education

Evidence: "71% of the top 100 universities use Drupal" (in image on page)

Link to Evidence: <https://www.drupal.org/industries/education>

Evidence: Drupal.org sustainability page

Link to Evidence: <https://www.drupal.org/about/sustainability>

Evidence: Makerere University

Link to Evidence: <https://www.mak.ac.ug>

Evidence: University of Maryland

Link to Evidence: <https://umd.edu>

Evidence: University of New Hampshire

Link to Evidence: <https://www.unh.edu>

(this could be hundreds of examples)

5: Gender Equity

Evidence: Drupal.org sustainability page

Link to Evidence: <https://www.drupal.org/about/sustainability>

Evidence: UN Women

Link to Evidence: <https://www.unwomen.org/en>

Evidence: USAID (Gender Equality and Women's Empowerment one of many areas of focus)

Link to Evidence:

<https://www.usaid.gov/what-we-do/gender-equality-and-womens-empowerment>

6: Clean Water and Sanitation

Evidence: A farmOS Produce Safety module was developed by the University of Vermont, which includes recordkeeping for on-farm water quality testing and worker hygiene requirements (farmOS is built with Drupal).

Link to Evidence: <https://blog.uvm.edu/cwcallah/produce-tracking-and-traceability>

Evidence: Drop in the Bucket

Link to Evidence: <https://dropinthebucket.org/>

7: Affordable and Clean Energy

Evidence: Solar Energy West Africa

Link to Evidence: <http://solar-afrika.de/>

8: Decent Work and Economic Growth

Evidence: Drupal.org sustainability page

Link to Evidence: <https://www.drupal.org/about/sustainability>

Evidence: Labor Community Strategy Center

Link to Evidence: <https://thestrategycenter.org/>

Evidence: Institute on Work and Health

Link to Evidence: <https://www.iwh.on.ca/>

9: Industry, Innovation and Infrastructure

Evidence: farmOS (built in Drupal) provides record keeping and planning tools for farmers to monitor their operations.

Link to Evidence: <https://opensensing.com/open-source-agtech-iot-ecosystem/>

Evidence: Technology for Agriculture

Link to Evidence: <https://www.fao.org/teca/>

Evidence: Global Center for Technology in parliament

Link to Evidence: <https://www.ictparliament.org/>

10: Reduced Inequalities

Evidence: Center for Reproductive rights

Link to Evidence: <https://reproductiverights.org/>

Evidence: Enough Project

Link to Evidence: <https://enoughproject.org/>

Evidence: Amnesty International

Link to Evidence: <https://www.amnesty.org/en/>

Evidence: Crea

Link to Evidence: <https://creaworld.org/>

11: Sustainable Cities and Communities

Evidence: GreenPeace UK

Link to Evidence: <https://www.greenpeace.org.uk/>

Evidence: National Environmental Education Week

Link to Evidence: <https://www.neefusa.org/education/eeweek>

Evidence: My Green Space

Link to Evidence: <https://www.mygreenspace.net/>

12: Responsible Consumption and Production

Evidence: Drupal.org sustainability page

Link to Evidence: <https://www.drupal.org/about/sustainability>

Evidence: farmOS (built with Drupal) can be used for traceability, tracking food production from seed to sale.

Link to Evidence: <http://blog.uvm.edu/cwcallah/produce-tracking-and-traceability>

13: Climate Action

Evidence: Drupal.org sustainability page

Link to Evidence: <https://www.drupal.org/about/sustainability>

Evidence: farmOS (built with Drupal) is being used to measure on farm carbon capture.

Link to Evidence:

<https://www.dell.com/en-us/perspectives/keeping-cows-happy-and-soil-healthy-with-ai-and-open-source-data-management/>

14: Life Below Water

Evidence: Marine Ecosystem-Based Management

Link to Evidence: <http://webservices.itcs.umich.edu/drupal/mebm/>

Evidence: International Rivers

Link to Evidence: <https://www.internationalrivers.org/>

Evidence: Coral Reef Alliance

Link to Evidence: <https://coral.org/en/>

15: Life on Land

Evidence: The Climate Group

Link to Evidence: <https://www.theclimategroup.org/>

Evidence: Rainforest Alliance

Link to Evidence: <https://www.rainforest-alliance.org/>

16: Peace, Justice and Strong Institutions

Evidence: United Nations website

Link to Evidence: <https://www.un.org/en>

Evidence: LocalGov Drupal is a publicly owned asset that delivers a better digital experience for citizens, improves service outcomes, and saves money

Link to Evidence: <https://localgovdrupal.org/>

Evidence: The Drupal4Gov community is a non-profit organization dedicated to promoting the use of Drupal and other open source technologies in government institutions:

Link to Evidence: <https://drupal4gov.us>

17: Partnerships for the Goals

Evidence: Ashoka.org

Link to Evidence: <https://www.ashoka.org/en-us>

Evidence: The Sustainable Development Goals website (need I say more?)

Link to Evidence: <https://sdgs.un.org/goals>

Select all that apply.

Choose License

GNU GPL v2 (SPDX: GPL-2.0-or-later)

*DPGs must use an open license. Please identify which of these approved open licenses this project uses: *. For Open-Source Software, we only accept OSI approved licenses. For Open Content we require the use of a Creative Commons license while we encourage projects to use a license which allows for both derivatives and commercial reuse or dedicate content to the public domain (CC0) we also accept licenses which do not allow for commercial reuse: CC-BY-NC and CC-BY-NC-SA. For data we require a Open Data Commons approved license listed at opendefinition.org/licenses/. IF YOU USE A LICENSE THAT IS NOT CURRENTLY LISTED HERE BUT YOU BELIEVE SHOULD BE INCLUDED PLEASE EMAIL support@digitalpublicgoods.net*

License URL * - <https://www.drupal.org/about/licensing#drupal-license>

Required

Provide the primary organization or maintainer of this project i.e. Wikipedia

Select

Name of the organization - Drupal Association, 501c3

Website of the organization - <https://association.drupal.org>

Contact name - Tim Doyle - CEO

Contact email - tim.doyle@association.drupal.org

Contact name - Dries Buytaert - Project Lead/Founder

Contact email - dries@buytaert.net

Is the ownership of the project and everything that the project produces clearly defined and documented? **

Yes
No
Unknown

i.e. This can be through copyright, trademark, or other publicly available information.

Link to ownership documentation *

Required

<https://www.drupal.org/governance>
<https://www.drupal.org/about/trademark>
<https://www.drupal.org/association>

The Drupal trademark — i.e. the word "Drupal", whether or not in capitals — is owned and controlled by Dries Buytaert, who cooperates with the Drupal Association and local non-profit associations to foster the use of the Drupal software.

Does this open project have mandatory dependencies (i.e. libraries, hardware) that create more restrictions than the original license? **

Yes
No
Unknown

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Additional questions based on the data in the registry per the FarmOS data

4. Does the license of libraries/dependencies undermine the openness of the project?

Does this open project have mandatory dependencies (i.e. libraries, hardware) that create more restrictions than the original license?

No

If yes - are the open source components able to demonstrate independence from the closed component(s) and/or are there functional, open alternatives?

Not Applicable

If yes - please describe how the open source components are independent and/or list the open alternatives for the closed component:

Not Applicable

5. Is there documentation?

Does some documentation exist of the source code, use cases, and/or functional requirements. For software projects, this should be present as technical documentation that would allow a technical person unfamiliar with the project to launch and run the software. For datasets and data projects, this should be present as documentation that describes all the fields in the set, and provides context on how the data was collected and how it should be interpreted. For content collections, this should indicate any relevant compatible apps, software, hardware required to access the content and any instructions about how to use it.

Yes

If yes - please link to the relevant documentation:

<https://www.drupal.org/documentation>

6. Is non PII data and/or content accessible?

Does this project collect or use non-personally identifiable information (non-PII) data and/or content?

Yes

If yes - is there a mechanism for extracting or importing non-personally identifiable information (non-PII) from the system in a non-proprietary format?

Yes

If yes - describe the mechanism for extracting or importing non-personally identifiable information from the system in a non-proprietary format:

Drupal provides REST and JSON API (that adheres to JSON standards) that other applications/systems can use to read and write records via HTTP requests -
<https://www.drupal.org/docs/core-modules-and-themes/core-modules/jsonapi-module/jsonapi>

Via the Drupal internal query builder Views it is possible to create Feeds, that allow for data export in OPML and RSS - both well known XML based formats.

There are also contributed modules that allow for exporting data as CSV (e.g.
https://www.drupal.org/project/views_data_export)

7. Does the project adhere to privacy and other applicable international and domestic laws?

Has this project taken steps to ensure adherence with relevant privacy, domestic, and international laws? For example, the General Data Protection Regulation (GDPR) in the European Union or the Supplementary Act A/SA.1/01/10 on Personal Data Protection for the Economic Community of West African States (ECOWAS) (yes/no)

Yes

If yes, please list some of relevant laws that the project complies with:

Drupal GDPR Compliance: https://www.drupal.org/project/drupal_gdpr_team

Drupal GDPR Compliance team is an active project to serve as a locus for the Drupal community to discuss and coordinate efforts to improve Drupal's framework for GDPR compliance.

There are already several module projects on Drupal.org aimed at creating software tools to help making Drupal sites GDPR compliant

EU Cookie Compliance (GDPR Compliance)

This module addresses the General Data Protection Regulation (GDPR) that came into effect 25th May 2018, and the EU Directive on Privacy and Electronic Communications from 2002. It provides a GDPR cookie banner where you can gather consent from the user when the website stores cookies on their computer or otherwise handles their personal information.

The module offers several methods for getting consent: Consent by default, opt-in and opt-out. It's also possible to only display the banner for visitors from the EU.

GDPR requires that you ask consent from your visitors if you store or process their personal details, such as the IP address or identifiable cookies.

General Data Protection Regulation

The GDPR was finally approved by the EU Parliament on 14 April 2016. Enforcement date: 25 May 2018 - at which time those organizations in non-compliance will face heavy fines. – <http://www.eugdpr.org/>

Drupal is an open source project that can be self-hosted by anybody, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty. As such, laws such as GDPR do not apply, because a third-party is not involved in data storage.

https://www.drupal.org/project/eu_cookie_compliance)

There are also contributed modules that can be added on top of Drupal core to ensure GDPR-compliance: <https://www.drupal.org/project/gdpr> or https://www.drupal.org/project/eu_cookie_compliance)

If yes, please describe the steps this project has taken to ensure adherence (include links to terms of service, privacy policy, or other relevant documentation):

Drupal is an open source project that can be self-hosted by anybody, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty. As such, compliance with laws such as GDPR or CCPA are up to the organization implementing a site or service using Drupal.

There are also contributed modules that can be added on top of Drupal core to ensure GDPR-compliance: <https://www.drupal.org/project/gdpr> or https://www.drupal.org/project/eu_cookie_compliance)

8. Does the project adhere to standards and best practices?

Yes

Does this project support standards? (i.e. Web Content Accessibility Guidelines (WCAG) 2.1 or other standards such as those listed on W3C)

Yes

Which standards does this project support (please list)

Accessibility standards:

<https://www.drupal.org/about/features/accessibility>

- W3C WCAG standards
- WCAG 2.1 AA
- ATAG 2.0
- WAI-ARIA
- Section 508/ADA (depending on how the site-owner implements their site)
- GAAD Pledge - <https://www.drupal.org/association/blog/gaad-pledge-2022-extending-drupals-accessibility>

General technical standards for interoperability:

- HTTPS

- SSL
- OAuth2
- OIDC
- JWT
- UTF-8
- HTML
- CSS
- REST (Representational State Transfer)
- OpenAPI
- JSON
- JSON:API
- OPML
- RSS
- PSR-4: Autoloader
- ES6

Can you point to evidence of your support? (i.e. please link to your validator, open test suite, etc.)

- **Core standards for Accessibility:**
 - <https://www.drupal.org/about/core/policies/core-change-policies/core-gates#accessibility>
 - <https://www.drupal.org/docs/develop/standards/accessibility-coding-standards>
- Documentation and automated tests:
 - <https://www.drupal.org/docs/develop>
 - <https://git.drupalcode.org/project/drupal/-/tree/10.1.x/core/tests>
 - <https://git.drupalcode.org/project/drupal/-/tree/10.1.x/core/modules/rest/tests/src>
 - <https://git.drupalcode.org/project/drupal/-/tree/10.1.x/core/modules/jsonapi/tests>
 - <https://git.drupalcode.org/project/drupal/-/tree/10.1.x/core/modules/views/tests>
- Additional testing tools:
 - <https://wave.webaim.org/>
 - <https://chrome.google.com/webstore/detail/axe-devtools-web-accessib/lhdoppojpmngadmnindnejfpokejbdd>
 - <https://www.nvaccess.org/download/>

Was this project built and developed according to or in adherence with any design, technical and/or sector best practices or principles? i.e. the Principles for Digital Development?

Yes. It was started almost 20 years before the Principles for Digital Development were launched.

Which principles and best practices does this project support (please list)

- Coding standards - <https://www.drupal.org/docs/develop/standards>

- Automated tests - <https://www.drupal.org/docs/automated-testing>

9. Does the project do no harm by design?

Yes- under our terms of service users agree to adhere to a listing of agreements including:

- Responsibility – You take responsibility for your contributions (since we only host your content)
- Civility – You act in accordance with the Drupal community [Code of Conduct](#)
- Lawful Behavior – You do not violate copyright or other laws
- No Harm – You do not harm our technology infrastructure
- Terms of Service and Policies – You adhere to the below Terms of Service and to the applicable community policies when you visit our sites or participate in our communities

<https://www.drupal.org/terms>

Has this project taken steps to anticipate, prevent and do no harm by design?

Excerpt from: <https://www.drupal.org/terms#activities>

The Drupal Project only exists because of the vibrant community of users who collaborate to write, edit, curate and contribute code and documentation. We happily welcome participation in this community. We ask users to be civil and polite in their interactions with others in the community, to act in good faith, and to make contributions aimed at furthering the success of Drupal.

Certain activities, whether legal or illegal, may be harmful to other users and violate our rules, and some activities may also subject users to liability. Therefore, in order to ensure that Drupal.org is a safe place for all users, users may not engage in such activities on our sites. Additional user policies also include:

- You are responsible for what you publish
- While publishing content on the Website, you will respect the [Drupal Code of Conduct](#)
- Harassment will not be tolerated in any form, including but not limited to: harassment based on gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age or religion. Any report of harassment will be addressed immediately. Harassment includes, but is not limited to:
 - Comments or imagery that reinforce social structures of domination related to gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, or religion
 - Unwelcome comments regarding a person's lifestyle choices and practices, including those related to food, health, parenting, drugs, and employment
 - Abusive, offensive, or degrading language or imagery

- Language or imagery that encourages, glorifies, incites, or calls for violence, emotional, or physical harm against an individual or a group of people
- Intimidation, stalking, or following
- Sexual imagery. At a minimum, no images containing nudity or expressions of sexual relationships that might be deemed inappropriate for a business environment should be uploaded or linked to
- Unwelcome sexual attention or advances
- Advocating for, or encouraging, any of the above behavior
- The content you publish will be meant for consumption by the Drupal community and the public; you will not use Drupal.org to host other types of content including but not limited to: private content, client work, etc.
- The content you publish will not knowingly infringe any patent, trademark, trade secret, copyright or other intellectual property rights of any other person, company or organization
- The content you publish will not violate the legal rights (including the rights of publicity and privacy) of others or contain any material that could give rise to any civil or criminal liability under applicable laws or regulations or that otherwise may be in conflict with these Terms of Service and our Privacy Policy
- You will not use the Website to transmit, or procure the sending of, any advertising or promotional material without our prior written consent, including any "spam", "junk mail", "chain letter" or any other similar solicitation
- You will not impersonate or attempt to impersonate the Drupal Association or a Drupal Association employee, another user, or person or entity (including, without limitation, the use of email addresses or screen names associated with any of the foregoing)
- The primary language of the site is English. The narrative content you publish in issue queues, case studies and on project pages will be written in English; other languages may be used in other areas of the site, including Groups and Forums, for example

Additionally, you agree not to:

- Use the Website in any way that violates any applicable law or regulation (including, without limitation, any laws regarding the export of data or software to and from the US or other countries)
- Use the Website in any manner that could disable, overburden, damage, or impair the Website or interfere with any other party's use of the Website, including their ability to engage in real time activities through the Website
- Use any device, software or routine that interferes with the proper working of the Website
- Introduce any viruses, Trojan horses, worms, logic bombs or other material which is malicious or technologically harmful
- Attempt to gain unauthorized access to, interfere with, damage or disrupt any parts of the Website, the server on which the Website is stored, or any server, computer or database connected to the Website

- Otherwise attempt to interfere with the proper working of the Website

On the whole, does this project take steps to ensure that it anticipates, prevents and does no harm by design?

All users agree to the user agreement that includes guidelines on ethical and responsible participation in the Drupal community and Drupal code and content creation. After signing this agreement– users may become part of the community. However Drupal also provides specific Monitoring and Enforcement when needed as reflected in the Monitoring and Enforcement guidelines below:

From time to time the need may arise to address an especially problematic user because of significant Project disturbance or dangerous behavior. In such cases, we reserve the right, but do not have the obligation to:

1. Exercise our enforcement discretion with respect to the above terms. Accounts not following the guidelines listed above will be blocked. Content which does not follow the guidelines listed above will be removed.
2. Take appropriate legal action, including referral to law enforcement for any illegal or unauthorized use of the Website, cooperate with any law enforcement authorities or court orders requesting or directing us to disclose the identity of anyone posting any materials on or through the Website.
3. You waive and hold harmless the Association from any claims resulting from any action taken by the Association during or as a result of investigations by either the Association or law enforcement authorities.
4. In rare cases, and only at the discretion of the board itself, some issues may be [escalated to the full Drupal Association Board](#).

Is there any additional information you would like to share about the mechanisms, processes or policies that this project uses to avoid doing harm by design?

The Drupal Community has a Code of Conduct - <https://www.drupal.org/dcoc>
Drupal Association Escalations- <https://www.drupal.org/association/board#escalations>

9.a. Data Privacy & Security

Does this project collect or store personally identifiable information (PII) data and/or content?

Yes, depending on the use case and implementation

If yes - please list the types of data and/or content collected and/or stored by the project:

Email addresses of users who register at the site. There is no need to register to use many Drupal sites

If yes - does this project share this data and/or content with third parties?

No

Please describe the circumstances with which this project shares data and/or content with third parties. Please add links as relevant.

Not Applicable

If yes - does the project ensure the privacy, security and integrity of this data and/or content collection and has it taken steps to prevent adverse impacts resulting from its collection, storage and distribution.

Yes

If yes - please describe the steps, and include a link to the privacy policy and/or terms of service:

Drupal is an open source project that can be self-hosted by site owners, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty.

9.b. Inappropriate & Illegal Content

Does this project collect, store or distribute content?

No

If yes - what kinds of content does this project, collect, store or distribute? (i.e. childrens books)

Not Applicable

If yes - does this project have policies that describe what is considered inappropriate content? (i.e. child sexual abuse materials)

Not Applicable

If yes - please link to the relevant policy/guidelines/documentation.

Not Applicable

If yes - does this project have policies and processes for detecting and moderating inappropriate/illegal content?

Not Applicable

If yes - please describe the policies and processes for detecting, reporting and removing inappropriate/illegal content (Please include the average response time for assessment and/or action. Link to any policies or descriptions of how inappropriate content is handled):

Not Applicable

9.c. Protection from harassment

Does this project facilitate interactions with or between users or contributors?

Yes

If yes - does the project take steps to address the safety and security of underage users?

Yes

If yes - please describe the steps this project takes to address risk or prevent access by underage users:

The Drupal community has adopted a Code of Conduct (<https://www.drupal.org/dcoc>), which is used to enforce positive conduct in our community spaces such as the forum and issue queues. The software itself can be self-hosted and therefore the users of it are dictated by the person running the software.

If yes - does the project help users and contributors protect themselves against grief, abuse, and harassment?

Yes

If yes - please describe the steps taken to help users protect themselves.

- [Drupal Community Code of Conduct - https://www.drupal.org/dcoc](https://www.drupal.org/dcoc)

Development & deployment countries

List of countries this project was developed in.

- [Countries all over the world](#)

List of countries this project is actively deployed in.

- [Countries all over the world](#)

SAMPLE DATA FROM APPROVED FARMOS SUBMISSION

farmOS

farmOS is a web-based application for farm management, planning, and record keeping.

Website: <https://farmOS.org>

Type of Digital Public Good

- - Open content
 - Open data
 - ☒ Open software
 - Open standard
- Open AI model

1. Is it relevant to one of the Sustainable Development Goals?

- **3. Good Health and Well-being**
Evidence: farmOS is used to track lab results that test food quality and compare against soil health practices.
Link to Evidence: <https://proofingfuture.eu/2022/02/09/bionutrient-food-association/>
- **6. Clean Water and Sanitation**
Evidence: A farmOS Produce Safety module was developed by the University of Vermont, which includes recordkeeping for on-farm water quality testing and worker hygiene requirements.
Link to Evidence: <https://blog.uvm.edu/cwcallah/produce-tracking-and-traceability/>
- **9. Industry, Innovation and Infrastructure**
Evidence: farmOS provides record keeping and planning tools for farmers to monitor their operations.
Link to Evidence: <https://opensensing.com/open-source-agtech-iot-ecosystem/>

- **12. Responsible Consumption and Production**

Evidence: farmOS can be used for traceability, tracking food production from seed to sale.

Link to Evidence: <http://blog.uvm.edu/cwcallah/produce-tracking-and-traceability>

- **13. Climate Action**

Evidence: farmOS is being used to measure on farm carbon capture.

Link to Evidence:

<https://www.dell.com/en-us/perspectives/keeping-cows-happy-and-soil-healthy-with-ai-and-open-source-data-management/>

2. Does it use an appropriate open license?

Yes, this project is licensed under the following license(s):

- [GNU General Public License version 2](#)

3. Is ownership clearly defined?

Is the ownership of the project and everything that the project produces clearly defined and documented?

Yes

If yes - please link to the relevant copyright, trademarks, or ownership documentation for the project.

<https://farmos.org/community/trademark>

4. Does the license of libraries/dependencies undermine the openness of the project?

Does this open project have mandatory dependencies (i.e. libraries, hardware) that create more restrictions than the original license?

No

If yes - are the open source components able to demonstrate independence from the closed component(s) and/or are there functional, open alternatives?

Not Applicable

If yes - please describe how the open source components are independent and/or list the open alternatives for the closed component:

Not Applicable

5. Is there documentation?

Does some documentation exist of the source code, use cases, and/or functional requirements. For software projects, this should be present as technical documentation that would allow a technical person unfamiliar with the project to launch and run the software. For datasets and data projects, this should be present as documentation that describes all the fields in the set, and provides context on how the data was collected and how it should be interpreted. For content collections, this should indicate any relevant compatible apps, software, hardware required to access the content and any instructions about how to use it.

Yes

If yes - please link to the relevant documentation:

- <https://farmos.org/hosting/>

6. Is non PII data and/or content accessible?

Does this project collect or use non-personally identifiable information (non-PII) data and/or content?

Yes

If yes - is there a mechanism for extracting or importing non-personally identifiable information (non-PII) from the system in a non-proprietary format?

Yes

If yes - describe the mechanism for extracting or importing non-personally identifiable information from the system in a non-proprietary format:

farmOS provides an API (that adheres to JSON) that other applications/systems can use to read and write records via HTTP requests - <https://farmos.org/development/api/>

7. Does the project adhere to privacy and other applicable international and domestic laws?

Has this project taken steps to ensure adherence with relevant privacy, domestic, and international laws? For example, the General Data Protection Regulation (GDPR) in the European Union or the Supplementary Act A/SA.1/01/10 on Personal Data Protection for the Economic Community of West African States (ECOWAS) (yes/no)

Yes

If yes, please list some of relevant laws that the project complies with:

- farmOS is an open source project that can be self-hosted by farmers, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty. As such, laws such as GDPR do not apply, because a third-party is not involved in data storage.

If yes, please describe the steps this project has taken to ensure adherence (include links to terms of service, privacy policy, or other relevant documentation):

- farmOS is an open source project that can be self-hosted by farmers, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty. As such, laws such as GDPR do not apply, because a third-party is not involved in data storage.

8. Does the project adhere to standards and best practices?

Does this project support standards? (i.e. Web Content Accessibility Guidelines (WCAG) 2.1 or other standards such as those listed on W3C)

Yes

Which standards does this project support (please list)

- HTTPS
- SSL
- OAuth2
- OIDC
- JWT
- UTF-8
- HTML
- CSS
- REST (Representational State Transfer)
- OpenAPI
- JSON

Can you point to evidence of your support? (i.e. please link to your validator, open test suite, etc.)

- <https://farmos.org/development/environment/code/>

Was this project built and developed according to or in adherence with any design, technical and/or sector best practices or principles? i.e. the Principles for Digital Development?

Yes

Which principles and best practices does this project support (please list)

- Coding standards - farmOS follows Drupal coding standards (<https://farmos.org/development/environment/code/>)
- Automated tests - <https://farmos.org/development/environment/tests/>

9. Does the project do no harm by design?

Has this project taken steps to anticipate, prevent and do no harm by design?

On the whole, does this project take steps to ensure that it anticipates, prevents and does no harm by design?

Unknown

Is there any additional information you would like to share about the mechanisms, processes or policies that this project uses to avoid doing harm by design?

The farmOS community has adopted the Contributor's Covenant as its Code of Conduct - <https://www.contributor-covenant.org/>

9.a. Data Privacy & Security

Does this project collect or store personally identifiable information (PII) data and/or content?

Yes

If yes - please list the types of data and/or content collected and/or stored by the project:

- Farm records and field geometries

If yes - does this project share this data and/or content with third parties?

No

Please describe the circumstances with which this project shares data and/or content with third parties. Please add links as relevant.

Not Applicable

If yes - does the project ensure the privacy, security and integrity of this data and/or content collection and has it taken steps to prevent adverse impacts resulting from its collection, storage and distribution.

Yes

If yes - please describe the steps, and include a link to the privacy policy and/or terms of service:

farmOS is an open source project that can be self-hosted by farmers, so that all of their data is directly under their control. There is no requirement for data to be stored in a central database of any company or organization. It is true data sovereignty.

9.b. Inappropriate & Illegal Content

Does this project collect, store or distribute content?

No

If yes - what kinds of content does this project, collect, store or distribute? (i.e. childrens books)

Not Applicable

If yes - does this project have policies that describe what is considered inappropriate content? (i.e. child sexual abuse materials)

Not Applicable

If yes - please link to the relevant policy/guidelines/documentation.

Not Applicable

If yes - does this project have policies and processes for detecting and moderating inappropriate/illegal content?

Not Applicable

If yes - please describe the policies and processes for detecting, reporting and removing inappropriate/illegal content (Please include the average response time for assessment and/or action. Link to any policies or descriptions of how inappropriate content is handled):

Not Applicable

9.c. Protection from harassment

Does this project facilitate interactions with or between users or contributors?

Yes

If yes - does the project take steps to address the safety and security of underage users?

Yes

If yes - please describe the steps this project takes to address risk or prevent access by underage users:

- The farmOS community has adopted the Contributor's Covenant as its Code of Conduct, which is used to enforce positive conduct in our community spaces such as the forum and issue queues. The software itself can be self-hosted and therefore the users of it are dictated by the person running the software.

If yes - does the project help users and contributors protect themselves against grief, abuse, and harassment?

Yes

If yes - please describe the steps taken to help users protect themselves.

- Contributor Covenant Code of Conduct - <https://farmos.org/community/conduct/>

Development & deployment countries

List of countries this project was developed in.

- United States of America

List of countries this project is actively deployed in.

- United Kingdom
- Ireland
- Spain
- Germany
- Norway
- Sweden
- Uganda
- Australia
- New Zealand
- Malaysia
- India
- United States of America