

RDA Website Roadmap

The Research Data Alliance was launched as a community-driven organisation in 2013 and now counts over 6,900 individuals from 137 countries, 43 Organisational and 8 Affiliate members. rd-alliance.org is the RDA communication and global collaboration web platform built to support the RDA Guiding Principles: Openness – Consensus – Balance – Community-driven – Non-profit. It aims to:

- Be the main RDA information tool: Communicating with members & the larger audience
- Support collaborative work & Member (user) generated content - To ease the work of the members & the exchange within the groups
- Encourage information sharing, generate discussion and build consensus through the Requests for community review & comments
- Facilitate adoption of the RDA Outputs by publishing the group results & promoting uptake, highlighting benefits and paths to adoption
- Engage new community and organisational members, funders and strengthen synergies with relevant organisations and initiatives
- Updates News/Events/Newsletters and Announcements
- Bring practice, research, industry and policy closer together in a neutral platform

This Roadmap provides the plan to evolve the rd-alliance.org platform to match better the needs and requirements of its growing community of users by showcasing the RDA value propositions, supporting communication, collaboration and information sharing. Last but not least, the Roadmap shows the route through which the RDA community can be widened by engaging new users with the introduction of appropriate marketing and communication levers.

The plan and the current document cover the following areas, as recommended by the RDA Secretary General at the RDA Europe 4 kick-off meeting (March 6th 2018):

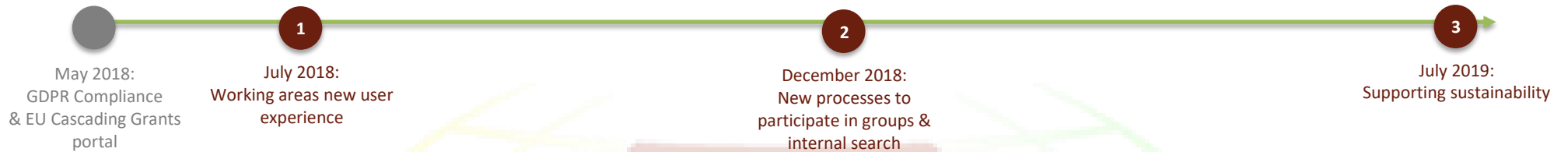
1. **Collaborative web space – p.4**
2. **Content management – p.7**
3. **Outreach & communication – p. 8**
4. **Impact & adoption – p.9**

The document illustrates the website evolution in a schematic way, highlighting what's new in the structure and layout of the proposed releases. The functionalities and features described link to the four areas mentioned above.



Timing

This plan presents a smooth, 15-month, 3-release trajectory. The mock-ups presented in the following pages relate to the first release, specific reference to the upcoming releases is made when specific functionalities are mentioned.



Involvement of the RDA web focus group

The Roadmap will be presented to a restricted **web focus group (WFG)**, to be set-up by the RDA Secretariat. The group will involve people with diverse roles who use the platform for various reasons, thus ensuring a balanced representation in terms of RDA bodies, users and countries of membership. The web focus group will be involved in the definition of the specifications and requirements of the new functionalities, and in particular those related to the working area.

The web focus group is expected to be engaged in the design phase of each release, with the following specific tasks:

- Website roadmap kick-off: feedback and general consensus on the plan and comments on the evolution foreseen – June 2018
- Assessment and specifications, for each release:
 - feedback on the technical implementations proposed
 - feedback on the mock-ups presented
 - testing of the key functionalities
 - green-light to go-live

The following is foreseen for the WFG in terms of timing and effort:

Supporting Release 1: two (1hour max) conference calls in the second half of June

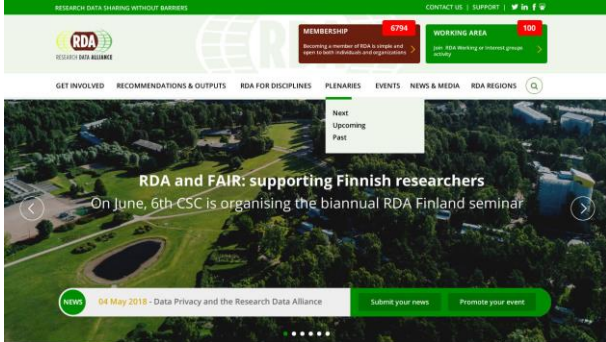
Supporting Release 2: four (1hour max) conference calls + 1 feedback document to what proposed in the Roadmap for Release 2 (support expected in the timeframe September – December 2018)

Supporting Release 3: four (1hour max) conference calls + 1 feedback document to what proposed in the Roadmap for Release 3, plus 4 “project sheets” (i.e. one-pager describing new functionalities and overall concept for that particular implementation needed), one per each of the four areas envisaged (support expected in the timeframe January – June 2019).

RDA website roadmap – prepared by Trust-IT Services in the framework of the RDA EU 4.0 project – GA 777388 – June 8th 2018



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The new homepage: key aspects see figure <http://www.trust-it-services.com/RDA/home.jpg>

- **RDA working area.** The RDA working environment will be organized as a separate environment to grant users with a dedicated space. Pills of the working activity are highlighted in the homepage, contextualized into two sections dedicated to Recommendations and outputs and Working and Interest Groups, which also include a short description of the RDA outputs and Groups in an easy to understand language for newcomers and not only.
- **RDA Stakeholders.** A central space in the homepage is dedicated to emphasise the RDA value propositions for Individuals, Organisations, Students & early careers, Funders, Industry & SDOs. The different icons link to detailed pages highlighting concrete calls to action.
- **RDA for Disciplines.** This area, with increased visibility, provides discipline-specific perspectives on data management and sharing.
- **Regional engagement.** A new menu located at the top of the page and a call to action on the homepage will provide users with information on regional activities and guide them in finding the right liaisons for their national/ regional activities.
- **New Look and feel.** The restyled graphics of the RDA web platform will give a more marketing and user-oriented flavour.

July 2018: Working areas new user experience

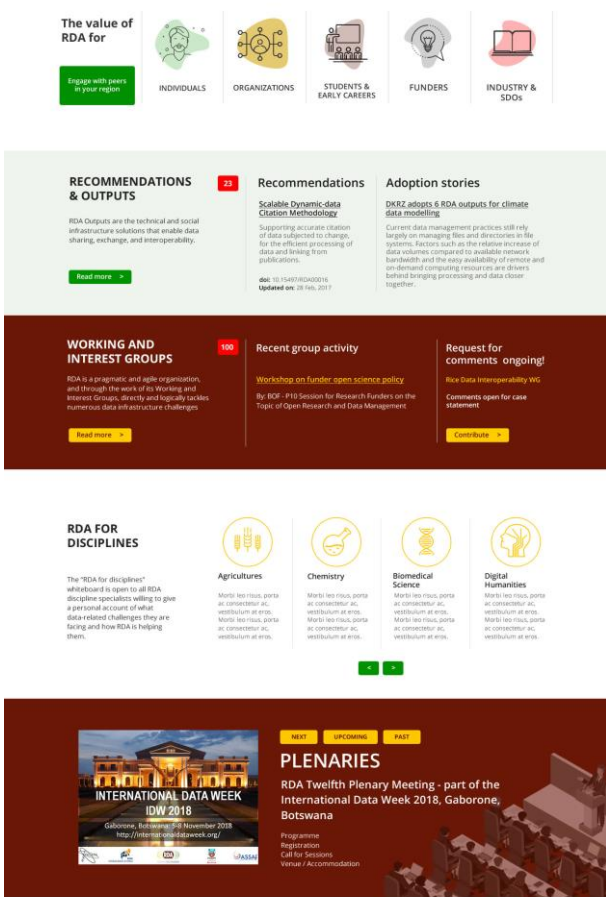
1

What's new

- Separate access to the working environment
- The main homepage slider, to convey technical as well as more promotional messages
- The "Get involved" pages, which will be redesigned highlighting the different value propositions
- A quick link to RDA regions ("Engage with your peers in your region" button)
- Members, Outputs and Group figures are automatically updated and appear in the homepage
- Testimonials from adoption stories
- RDA Organizational Member logos

The ongoing legacy

- The navigation tree. The original structure of the menu is maintained in its entirety. Only one new menu is foreseen (Regions). The structure of the menu can be revised in future releases following discussions with the WFG
- A dedicated space for Plenaries, with increased visibility
- Online forms to submit news and events
- References to the recent activities of RDA Groups



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Figure 1 Proposal for new homepage layout



The Collaborative web space

RDA provides a neutral space where its members can come together through focused Working and Interest Groups. The separate collaborative area will be easy to access for users already registered to RDA Working and Interest Groups as well as for the newcomers, who must gain immediate understanding from the homepage on the possibility to actively contribute to work underway. At the same time, the technicalities behind RDA WGs and IGs must not affect the outreach and communication purposes of the RDA web-presence, so this needs to be accounted for with an appropriate balance of space and content incorporated in the homepage design.

July 2018: Working areas new user experience

1

What's new

➤ **Enhanced user experience of the working areas** to encourage a wider use of the Organic Groups and functionalities, optimized for different devices with a more immediate access to content generation and with **notifications** for new content published- see figure <http://www.trust-itservices.com/RDA/wg.jpg>

➤ **A New layout and structure for the Group details** ("metadata schema"). When creating a group page, Group managers will be invited to follow a given layout providing the same type of information for all group pages. This will include: Group summary (to be used for lists, homepage previews and dissemination purposes); Group overview & Group details; ongoing activities; case statement; Outputs & Recommendations.

Technical insights

- Group colour coding will be automatized to reduce management overhead
- Harmonized structure of the group layout page with predefined components
- ORCID ID: Implementation of Step 1 (Collect ID) and Step 2 (Display ID). [Including preliminary survey to the RDA community on interest/acceptance]

December 2018: New processes for participation in groups & internal search

2

What's new

- An **enriched user profiling & layout** (domain, profile, activity, etc...) to be combined with an improved user analysis
- A new **taxonomy**, group managers will be encouraged to use pre-defined tags to improve overall group visibility and content findability
- **ORCID ID connection & synchronisation** (full integration, Step 3 & 4)
- **Single-sign-on** (e.g. with Openid Connect) [**Subject to budget extension under RDA Europe 4*]

July 2019: Support to sustainability

3

What's new

- **Customized web-app on RDA website** dedicated to the Groups – see figure <http://www.trust-itservices.com/RDA/mobile.jpg>

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MEMBERSHIP 6794
Becoming a member of RDA is simple and open to both individuals and organizations

WORKING AREA 100
Join RDA Working or Interest groups activity

GET INVOLVED RECOMMENDATIONS & OUTPUTS RDA FOR DISCIPLINES PLENARIES EVENTS NEWS & MEDIA RDA REGIONS

WG Agrisemantics WG
Taxonomy: agricultural data, agrisemantics

Home » Working And Interest Groups » Working Group » Agrisemantics WG

Posts Wiki Events Repository Outputs Case Statement

New Content
Post / Wiki / Events or File

WGs Wrapping up (from -12 months after RDA endorsement)

Search by keyword contained in title or surname

APPLY Join Group

The group started in Jan 2017 and will close on June 2018.

The goal of the Agrisemantics WG is to gather community-based requirements and use cases for an infrastructure that supports appropriate use of semantics for data interoperability, with special focus on agriculture.

The outputs of the WG will be:

- A report on semantics landscape for agricultural data,
- A set of use cases and requirements,
- A document on recommendations for the future of semantics for agricultural data - software, functionalities, semantic assets to enhance data interoperability in agriculture.

...

Group Overview
Agrisemantics WG

Status: Recognised & Endorsed
Chair(s): Sophie Aubin, Caterina Caracciolo, Panagiotis Zervas, brandon whitehead
Group Email:
Secretariat Liaison: Stefanie Kethers
TAB Liaison: Steve Diggs

May

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Recent Activity

Agrisemantics in SWAT4HCLS
By Chris Baker

04
May
2018

Hi All
AS Program Chair of the 11th International Conference on Semantic Web Applications and Tools for Health Care and Life Sciences, 3-6th December 2018, Antwerp, Belgium I am happy to share with you our CFP for the event.
<http://www.swat4ls.org/workshops/antwerp2018/call-for-papers/>
This year we will have a track in Agrisemantics. In addition to the regular and emerging

Agrisemantics WG members

Adam Kriesberg
Alexandra Strick
Alexandre GUITTON
Ahsayed Algargawy
Amanda Moura
Andreas Kamilaris
Anne Toulet
Antonio J. Sánchez-Padial

Figure 2 Enhanced user experience of the working areas



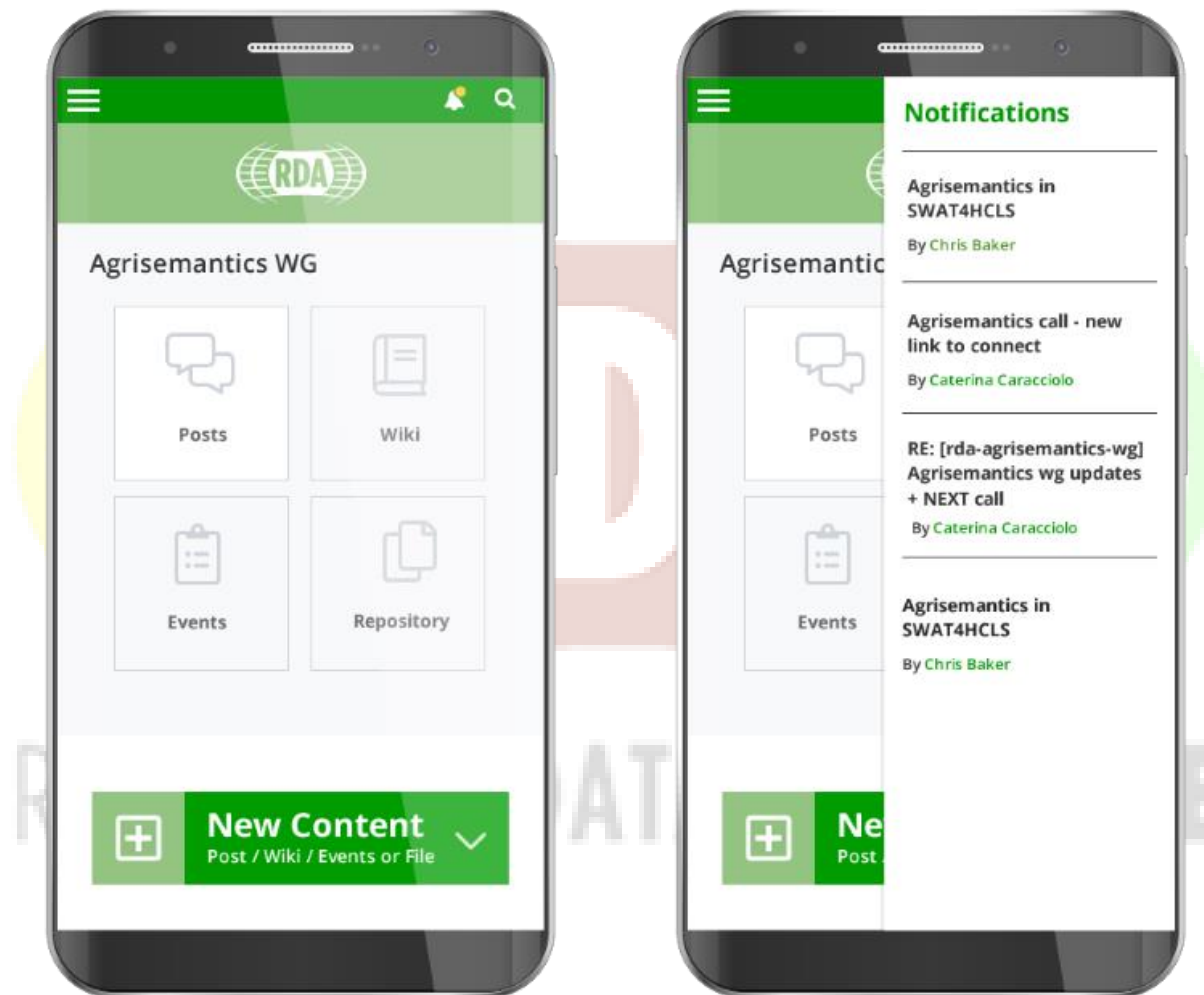


Figure 3 Sample of new mobile user experience of RDA web-app dedicated to the Groups

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Content Management

A journalistic approach is desirable to ease the way in which RDA communicates its results and engages with members and newcomers. At the same time, a collaborative approach needs to be facilitated, as the RDA website is populated by different actors within the community. The plan foresees a revised look and feel for the online visual impact of RDA, while new automated functionalities have been proposed to ensure that strategic content gains the desired visibility. Visuals, icons and images have will guide user navigation improving overall website usability.

July 2018: Working areas new user experience

1

What's new

- › Activity of RDA Groups is presented with a non-technical approach in the homepage, guiding users to the working area
- › **New automated functionalities** will support the gathering of figures for RDA in a nutshell statistics and other figures of relevance for RDA community

Technical insights

- › Short descriptions and summary fields added in the Outputs and Adoption content type layouts, to be used in the homepage boxes, in menu lists and to be leveraged for dissemination purposes (such as, for instance, the creation of the RDA Recommendations & Outputs cards)
- › Dashboard for membership stats, groups & categories and type of outputs, and for the generation of RDA in a Nutshell graphics and figures, accessible by selected users (for instance, RDA Secretariat members) and to be eventually updated online in the “Who is RDA?” page
- › New dashboard for management, moderation and publication of news and events submitted by external users

December 2018: New processes to participation to groups & internal search

2

What's new

- › **Improved internal website search** and mining functionalities via integration with Apache Solr Search Server, using inverted index data structure to search for words in 10.000+ documents and intersects the final result [**Subject to budget extension under RDA Europe 4*]
- › **Workflow** for editing process, including revised results lists from online contact & support webforms

July 2019: Support to sustainability

3

What's new

- › **New CMS and workflows for content management for RDA Regions**, using OpenID Connect as a single sign-on system and a Drupal Instance for managing user roles
- › **Online catalogue** of all RDA-related materials and publications with filters [**Subject to budget extension under RDA Europe 4*]
- › **Archiving & versioning** of working files (WGs, IGs, Coordination Groups, National Groups, ...)

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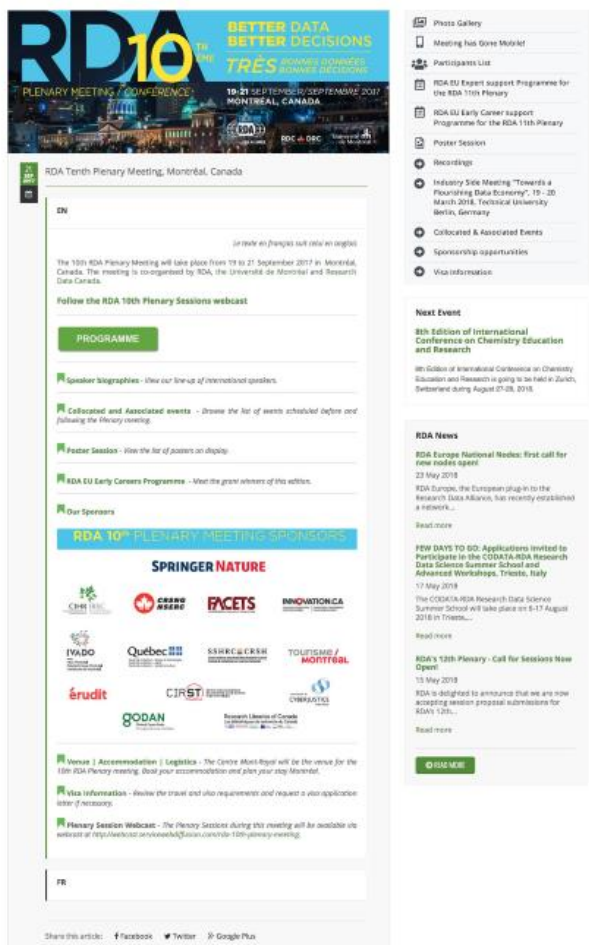
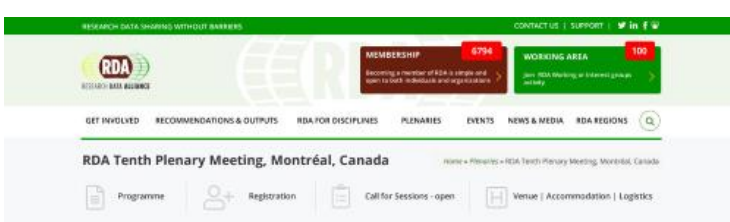


Figure 4 Proposal for new Plenary page layout



Outreach & communication

Explaining and promoting the technical and social infrastructure solutions developed by RDA Working Groups and Interest Groups is fundamental to ensure uptake of RDA results by the community of data practitioners worldwide. With this in mind, the proposed RDA website evolution merits new, prominent areas to RDA recommendations and Outputs, to RDA stakeholders categories and disciplines where RDA outputs can play a role.

July 2018: Working areas new user experience

1

What's new

- Revamp of “Get involved” sections, to be synchronized with work done by RDA boards on RDA revamped value proposition & engagement packages
- New layout and structure for **EU National groups** and region-dedicated areas with input from Nodes & RDA Global

Technical insights

- New branding for RDA stakeholders
- New icons for Plenary categories
- New content type “RDA for Disciplines”
- Automatic figures for Groups, Members and Outputs

December 2018: New processes to participation to groups & internal search

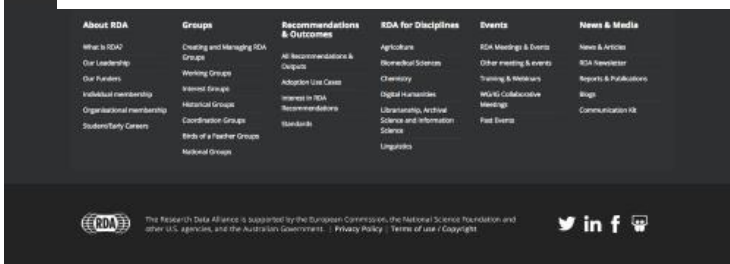
2

What's new

- **Plenaries new menu layout & event management tool** (see figure <http://www.trust-it-services.com/RDA/plenary.jpg>), including functionalities for:
 - Evaluation and assessment of plenary-related calls (early careers and experts programmes, call for sessions)
 - Automatic agenda creation from call for session, with roles for TAB members in charge of evaluation I
 - Creation of lists for posters/presentations
- Revamp of **online training areas**
- Revamped **blog area** with metrics for comments and likes

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Impact and adoption

Evidence of the effectiveness of the impact of RDA will be stated via the production of new messages (i.e. testimonials from the stories of adoption in the homepage); new figures highlighted and automatically updated (i.e. membership , groups currently active, statistics about user regional engagement); new ways of presenting outputs and recommendations (i.e. new catalogues and well indexed items via filters); stories of adoption of recommendations & outputs into real research and industry settings presented in a renewed fashion.

July 2018: Working areas new user experience

1

What's new

- **New layout for the Recommendations & Outputs** and Adoption Use Cases pages including adoption checklists, colour coding, testimonials, downloads area
- New **highlights / icons** for RDA ICT specifications
- New layout and structure for the **collaboration/adoption projects pages**, to harmonise different initiatives across EU, US and other regions

Technical insights

- Color coding for outputs endorsement
- User activity analytics associated to the outputs (downloads, views, etc...)
- New "Adoption case" content type

December 2018: New processes to participation to groups & internal search

2

What's new

- Organizational membership **dynamic map** [e.g. <https://map.hub4ngi.eu/map/>]
- **KPIs on recommendations uptake** available online (according to RDA EU 4.0 GA - Task 2.2)
- **New adopters section** with adopters dynamic map [e.g. <https://map.hub4ngi.eu/map/>]
- **Dynamic RDA Recommendation & Outputs Catalogue** [e.g. <https://atmosphere.copernicus.eu/catalogue#/>] [*Subject to budget extension under RDA Europe 4]

July 2019: Support for sustainability

3

What's new

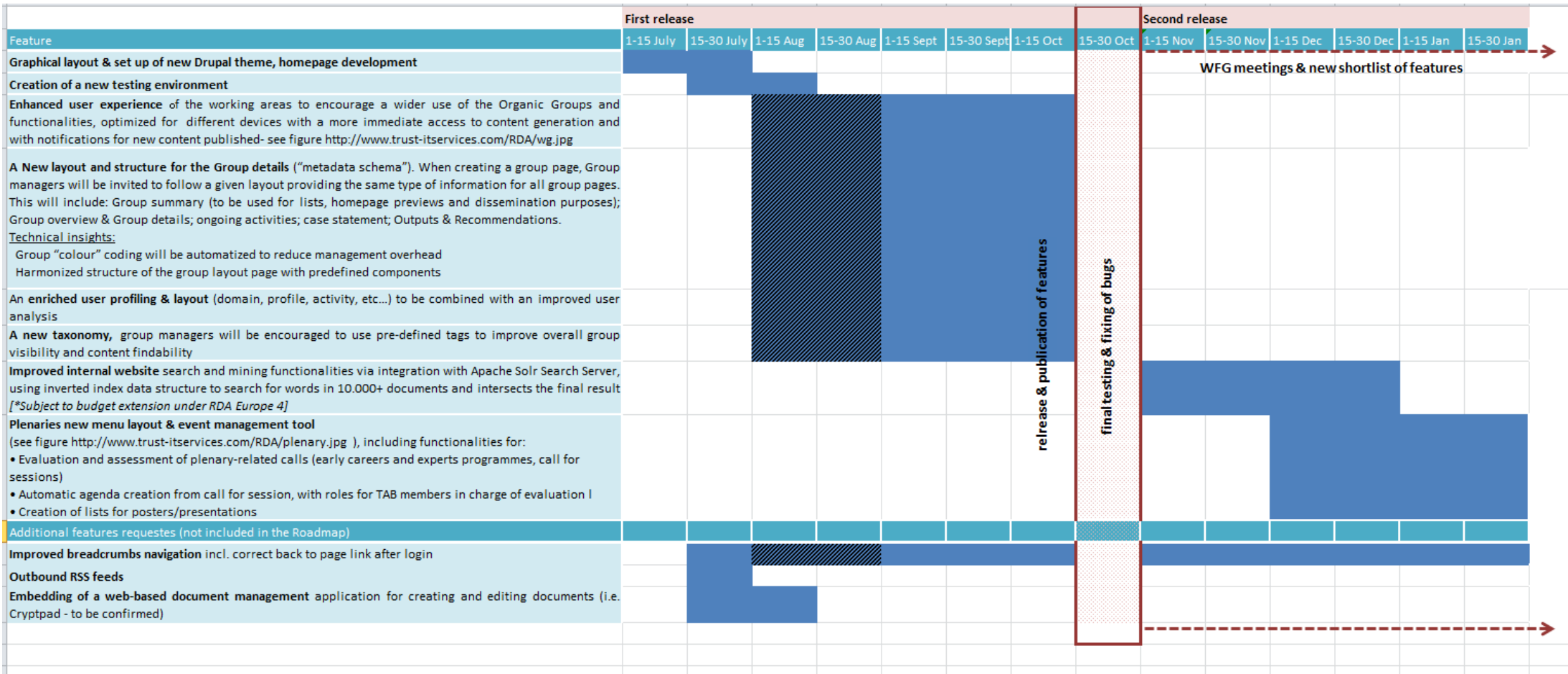
- Online donations & other sustainability levers with online features

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Revised action plan after the first WFG meeting on June, 26th



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