

## D7.1 Impact Dashboard 2

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<b>Abstract</b>	<p>The yearly Impact Dashboard is a descriptive visualization of relevant facts of the project. It consists of a single page and will be updated monthly during the project so that the yearly impact dashboards provide a vivid insight into the evolution and changes of the TraceBot project until month 48. Thus, the four respective Impact Dashboards for 2021, 2022, 2023 and 2024 will generate a comprehensive yet easy to understand picture of the project which is drawn with icons, figures and very concise text. This present dashboard gathers all vital information reg. 2022.</p>

## Versioning and Contribution History

Version	Date	Modified by	Modification reason
v.01	13.12.2022	Carlos Lange-Prollius (BIOL) Internal Review by: A. Remazeilles (TECN) J. Escorcía (CEA)	First version
v.02 / final version	16.12.2022	Carlos Lange-Prollius (BIOL)	Revised version ready for submission

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# 1 Executive Summary

The yearly Impact Dashboard 2 is a public deliverable (D7.1) due in M12, M24, M36 and M48.

The yearly Impact Dashboard serves as a concise visualization of relevant facts of the project. It consists of a single page which is meant to be updated monthly and to be delivered yearly at the end of every year until month 48. The aim of the dashboard is to provide an up-to-date call-specific, program specific and other (social, economic, environmental) impact statement, but it will mainly focus on a limited number of indicators on each dashboard. The creation and management of the impact dashboard is executed by BIOL during the whole project and carried out by the Dissemination Manager. With the experience of the second project year during which we generated eleven monthly project dashboards (so far January until November 2022), we now have the knowledge which information is valuable for internal and external communication in order to use the yearly dashboard as a substantial and sustainable dissemination tool for the project. You will get more detailed information on our present and future approach in this present deliverable.

## 2 Introduction to the Impact Dashboard 2

The present yearly Impact Dashboard 2 for the year 2022 is the second yearly graphical summary designed for the TraceBot project. As we started to design and publish a monthly dashboard in January of 2022 throughout the entire year, we gained a lot of knowledge on which information is worthwhile, if not crucial to depict.

The different segments that illustrate the different results for each year may vary from one year to another. On the one hand because some results are not as important for the project as they used to be in the first year – as it is the case with the number of sterility kits used –, on the other hand there are facts that gain importance as it is the case with videos published on LinkedIn and YouTube in 2022 as they are a major boost in terms of dissemination.

In contrast to the year 2021 which was marked by the Covid19 pandemic, 2022 was far more positive for the project insofar as the different Project Partners (PP) were able to travel and introduce the TraceBot project on different occasions as conferences, fairs, workshops and even on in-house events.

During the in-person TraceBot consortium meeting in July of 2022 at our Spanish PP Tecnalia in San Sebastián the different work package leaders discussed whether to switch from a monthly to a bimonthly or even a quarterly publication of the monthly dashboard which would also have had a certain impact on the yearly project impact dashboard, but eventually decided to continue with the monthly publication during the year as it delivers a lot of insights for any interested person inside and – particularly – outside the project. Above all, it is a very valuable dissemination tool and particularly the yearly dashboards show substantial changes from one edition to another which was not the case on a monthly base.

This second yearly dashboard once again is a public deliverable that depicts in a very informative and easy-to-understand way what has happened in many different aspects of the project during the year 2022.

Once again, the challenge was to provide as much substantial information on a single page as possible. The concept was to first determine which information to communicate and then find out how to translate these vital information and figures into pictures, icons and figures.

For the yearly Impact Dashboard 2022 eleven segments were chosen to describe what has happened during the second year of the project which will be explained more in depth as follows segment by segment.

Before introducing the content of each segment, it shall be mentioned that the corporate design of the TraceBot project has been considered when creating the impact dashboard. The full size TraceBot logo on top of the dashboard immediately identifies the document for anybody concerned with the deliverable and the additional information on top of the page which says: "Impact Dashboard 2022 Summary" clearly indicates what is shown beneath.

## D7.1 Impact Dashboard 2

Regarding the format we decided to use different formats in order to be more flexible: the present portrait format so that it can easily be integrated in the present deliverable D7.1-word document and an extra Impact Dashboard in landscape format which will be uploaded separately on the project website so that it can be contemplated on wider screens as it is the standard for PC's and laptops and it can easily be used in slideshow presentations. The landscape version of the dashboard explains the project's evolution to externals much easier and we have been using the landscape format when publishing the yearly impact dashboard 2021 and all monthly dashboards 2022 on our TraceBot LinkedIn channel. Furthermore, the yearly impact dashboard 2 will be uploaded on the project website in both formats, just as it was the case with the impact dashboard for 2021. One can find it at [tracebot.eu](https://tracebot.eu) → RESULTS → Impact Dashboards or on the project's SharePoint.

Please find a description of each of the eleven segments of the yearly Impact Dashboard 2 as follows in section 3.

### 3 Description of the yearly Impact Dashboard 2022

The yearly dashboard follows the structure of the monthly dashboards which we have been generating throughout the year 2022. The information collected is structured per topic and follows a logical enumeration for each segment. As a consequence, every single segment features a number, a headline for the topic and a respective graphic consisting of icons, texts and figures that illustrate every single topic of the segments.

#### Segment 01 – Project Duration:

This segment shows a time bar which indicates the start, January 2021, and the end, March 2025, of the project with an additional information on how many per cent of the project have been completed so far (December 2022). This information is shown by an arrow pointing downwards to the time bar, indicating 47 per cent.

#### Segment 02 – TMC meetings in 2022:

A simple figure which is designed very prominently shows the number of TMC meetings (3) – TMC meetings are TraceBot consortium – and gives additional information on whether they were held virtually or physically as it was the case in San Sebastián (Donostia in Basque language) at our Spanish PP Tecnalia. Due to the Covid 19 pandemic some in-person meetings were still difficult to hold in 2022, but compared to 2021 it was a lot easier. Despite a high number of in-person integration meetings, we only had one in-person TMC meeting, but with all in all 26 participants from all PP which was a big success. It should be mentioned that the in-person TMC meeting in San Sebastián was the first encounter of all PP ever and therefore a particularly important and valuable meeting for the team spirit.

#### Segment 03 – Advisory Board Meetings:

As the steering of the TraceBot project needs experts from the pharmaceutical industry and advice from stakeholders familiar with the strict regulations for pharmaceutical products, it is vital to have bundled expertise from members of the advisory board that have an external view on the development of the TraceBot. In 2022, we had an Advisory Board meeting with 19 attendees which is shown with a prominent 1 and 19 icons showing the number of attendees plus the figure shown explicitly in a circle (19) right beside. A second Advisory meeting was planned in October, but then postponed to early 2023.

Segment 04 – A total of 7 project partners from 5 countries:

Segment 04 illustrates that the TraceBot project is a pan-European project by showing the map of Europe and naming all project partners. Five lines lead from the project partner's home countries (Austria, England, France, Germany and Spain) to their respective seven names. This segment has explicitly double the size of the other segments as it shows how fruitful the cooperation of this EU funded project is and how smooth the cooperation works.

Segment 05 – Milestones 2022 = 1:

This segment is held very simple: it shows a trophy with two letters on it: MS as in MileStone and it names the milestone in words as it is described in the project: "First demonstration: proof of concept of integrated sterility test case." along with the month it was due: (M23).

Segment 06 – Deliverables 2021 → 11 out of 33:

The deliverables are an essential part of the TraceBot project. The diagram especially designed for the present deliverable shows in a very and easy-to-understand way which deliverable was completed when during the different quarters of 2022. It additionally provides information on the numbers of each deliverable (i.e. D5.2) and the month in which it was delivered (i.e. D8.3 → M24). Another vital information is given by a short sentence underneath the diagram that mentions how many deliverables are due during the duration of the whole project and the "title" of segment 06 indicates that in 2022 eleven deliverables out of 33 have been completed.

Segment 07 – TraceBot's commitment to Diversity!:

As already mentioned in the introduction, the yearly Impact Dashboard is not a static deliverable. The general focus on the information given in the yearly Impact Dashboard (and also of the monthly dashboards) always remains the same, but details – in this particular case: segments, may change from one year to the next as certain information in one year might be more important than the year before and the space for the segments on a single page is very limited.

We therefore replaced the segment on the number of usage of sterility kits in the TraceBot project with a far more important one: the segment on diversity. Under the headline „TraceBot's commitment to diversity“, we have integrated the official logo for diversity created by the European Commission. Furthermore we also included the claim of the campaign in the segment that was promoted by the Commissioner for Equality, Helena Dalli: „Diverse workplaces for a fair, equal and inclusive Europe for all!

Additionally: As the European Commission had named the month of May as official „EU Diversity Month 2022“, we have already presented the logo and claim/wording of the campaign in our Monthly Dashboard for May and in several monthly dashboards throughout 2022.



On top and in order to make this very important message visible, we deliberately stuck to the eleven colours of the logo. The effect is extremely positive as this segment is a real eyecatcher within the otherwise two-tone look and layout of the yearly impact dashboard. One can state that the appearance of segment 07 stresses the importance of the diversity approach and activities of the European Commission on the one hand and the compliance and commitment of the TraceBot consortium reg. the topic on the other hand. It certainly is a truly visible statement reg. one of the most important topics of our time within the European society!

### Segment 08 – Scientific dissemination in 2022:

The new segment „Scientific dissemination in 2022“ replaces the segment „Publications in 2021“ of Impact Dashboard 1. The year 2022 showed that moving images help understand the (traceable) action and the actual status of the development of the TraceBot in a way that it provides a complimentary information to scientific articles in print magazines so that we decided to provide both information in one segment: the one on the number of print publications and the number of video publications on both main channels used for our scientific dissemination via video.

The ideal combination of making the project's lab robot with traceable action transparent to external stakeholders is a video with accompanying text. We therefore created and established a TraceBot LinkedIn and a TraceBot YouTube brand channel on which we publish different kinds of videos that are very helpful in terms of dissemination. The project videos created by the PP, either real or animated ones, are very suitable for the followers of our YouTube brand channel whereas the TraceBot HEROES-series which features different colleagues, mainly developers, is particularly designed for a business social media channel as our LinkedIn channel. Nonetheless all „people videos“ were and are published on both channels whereas the „robot videos“ sometimes are only suitable for our YouTube channel.

In addition and despite all quick clicks, comments and likes reg. the TraceBot videos, scientific articles in renowned scientific magazines still are the ultimate highlight for every reputable researcher as they have to undergo several reviews which that, a process that may last several months if not more than a year. Insofar, any article on the TraceBot project that has passed the rigid reviews and has been published officially in a scientific magazine is a very valuable vehicle in terms of dissemination as it adds an enormous amount of reputation to the project and its team.

Segment 08 concretely shows three icons that include and symbolize a print magazine, the LinkedIn logo and the YouTube logo. All three icons are held in the two-tone colour ambience of the project's corporate design and are accompanied by the respective text „Scientific Articles“, „Videos on YouTube“ and „Videos on YouTube“ along with the respective figure in a circle at the end of each of the three lines.

### Segment 09 – Participation in fairs + conferences + workshops:

Compared to 2021 was a very fruitful year in terms of visits to fairs and conferences and workshops. We extended the headline of segment 09 as we found out along 2022 that the different colleagues from the PP not only visited “conferences” as we had put in the headline of the 2021’s edition. Luckily this present year 2022 the Covid 19 pandemic did not hinder the TraceBot project partners from visiting a considerable amount of excellent in-person conferences throughout Europe and even the worldwide leading fair on robotics in Japan/Asia.

The pictogram shows a visitor of a fair/conference/workshop in front of a screen and right underneath the information that both formats were considered as official visits of the fairs with a presentation on the TraceBot project – the virtual and the in-person visits. Additionally, the web address under which some of these events can be found on the project website is named at the bottom of the segment: [tracebot.eu/events.html](https://tracebot.eu/events.html). This information is enough to lead any person interested in these events to the respective page on our website. The figure in the circle (12) indicates how many event organizers gave TraceBot partners the opportunity to introduce the TraceBot project.

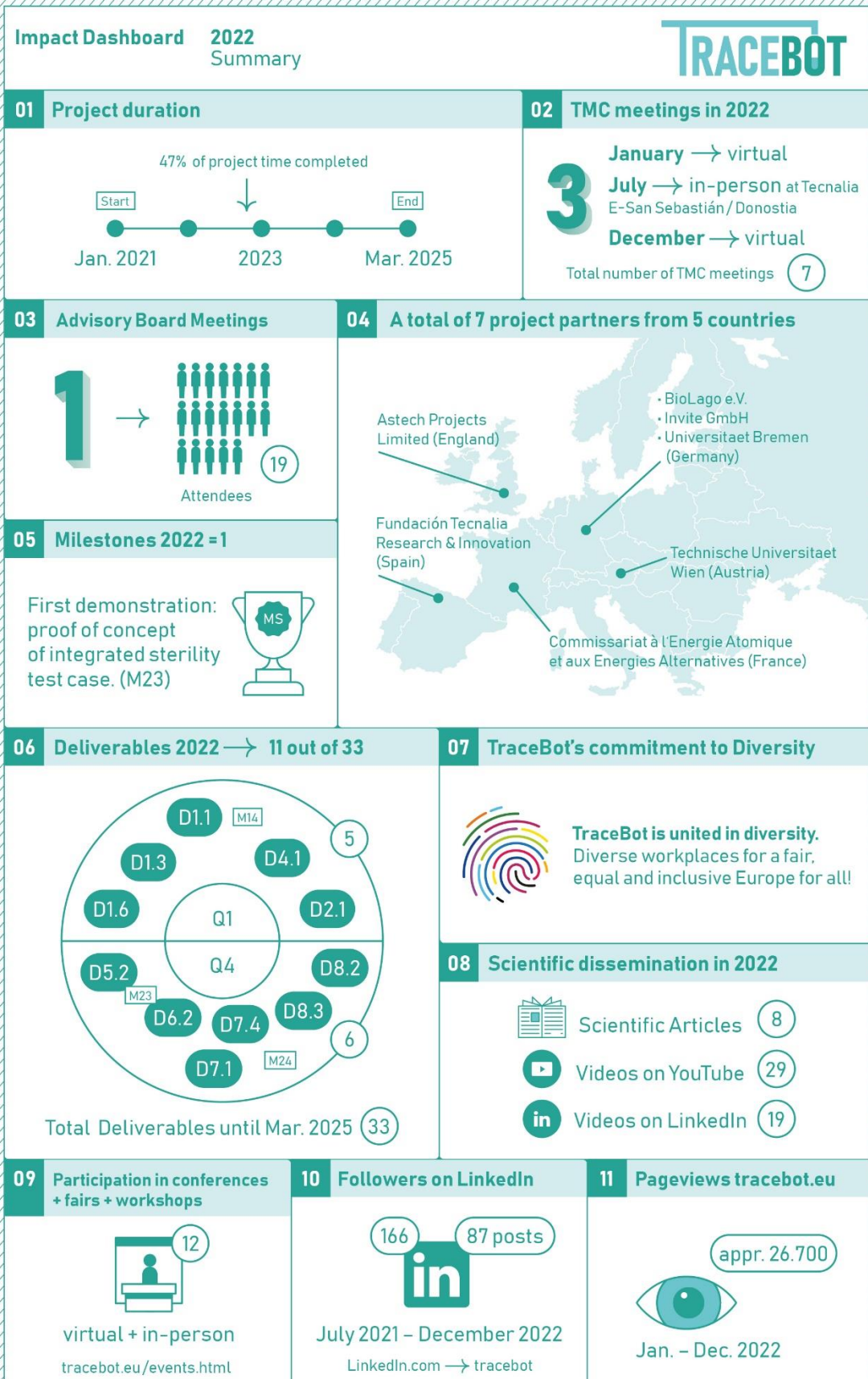
### Segment 10 – Followers on LinkedIn:

The dissemination of the results and findings of the TraceBot project are essential with respect to the creation of a new ecosystem that is familiar with the objective of the project. One of the most important tools for disseminating news, deliverables, videos and scientific content is LinkedIn. Segment 10 shows the LinkedIn logo with the number of actual followers in December 2022 (166) and posts (87) since the launch of the TraceBot LinkedIn channel in July of 2021 and underneath the LinkedIn logo the exact period of time in which the LinkedIn TraceBot channel has been working (July 2021 – Dec. 2022) so far. It also provides the information on how to find the TraceBot LinkedIn channel: [LinkedIn.com → tracebot](https://www.linkedin.com/company/tracebot)

### Segment 11 – Pageviews [tracebot.eu](https://tracebot.eu):

The last segment of the Impact Dashboard shows a human eye that shall illustrate the views of the TraceBot website from January till December 2022. The number given right above the eye indicates the sum of actual views registered by [tracebot.eu](https://tracebot.eu). The figures are constantly being checked by the Dissemination Manager (author of this deliverable). They vary from month to month being January 2022 the month with the lowest number of pageviews: 1.689 views and March with the highest number: 2.423 views. For the month of December we had to estimate the figure as this deliverable will already be uploaded on 17<sup>th</sup> December. The estimate was fixed at 2.000 views for December 2022, which is the average of pageviews of the first eleven months that was added to the sum of pageviews from January until December of 2022. The high number of pageviews in 2022 reflects that our project and the respective website have established themselves among the community of robotic and lab automation experts.

The following page number 11 presents the yearly Impact Dashboard for 2022.



## 4 Conclusion

The present yearly Impact Dashboard summarizes the different aspects of the TraceBot project in the year 2022. Diagrams, pictograms, icons and figures accompanied by prominent headlines and short texts provide multiple information on the project on just one single page. This way the illustration of the project's evolution is very thrilling to observe when contrasting the old (2021), the present (2022) and the future yearly Impact Dashboards in 2023 and 2024/25 respectively.

In 2022, we started with the creation of a monthly Impact Dashboard which illustrated many different details of the project and therefore brought a lot of variety into this format. In order to exploit the yearly and the monthly Impact Dashboard for dissemination we have published them along with accompanying text with posts on LinkedIn and on our respective BioLAGO website and blog. Furthermore, the yearly and the monthly dashboards have all been uploaded on the project website where you can find them at [tracebot.eu](https://tracebot.eu) → RESULTS → Impact Dashboards.

In a nutshell: The Impact Dashboard can be regarded as state-of-the-art tool when it comes to presenting the TraceBot project in a vivid way to a broader audience, but it is also interesting for all internal project partners as it shows the constant progress of our project towards a groundbreaking result: the TraceBot. However, the content of each yearly impact dashboard can and should vary from year to year as we gain more experience, information and expertise. Very few segments of the dashboard can be regarded as fix as they give vital and basic information on the members of the consortium (segment 04), the duration of the project (segment 01) or the deliverables to be submitted in the respective year of the summary (segment 06). All other segments may be seen as flexible and replaceable segments. As a consequence, the perspective for the evolution of the impact dashboard should be regarded according to the motto: flexibility first. Insofar flexibility should always be paramount, both for the future monthly and the future yearly impact dashboards of the TraceBot project.