



High ThRoughput laser texturing of Self-CLEANing and antibacterial surfaces

Deliverable Report

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Declaration	Any work or result described therein is genuinely a result of the TresClean project. Any other source will be properly referenced where and when relevant.



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1. Introduction

The TresClean Communication Kit has been developed in order to promote the effective dissemination of results and findings within the project. This report has been structured in a way that is informative to the Consortium partners and how the communication kit can be used to target all different types of stakeholders.

This document should not be regarded to be a complete or final version. It is intended as a “living” document and as such will evolve throughout the duration of the project. This report will be reviewed by the Consortium and updated in Deliverable 8.5 (M24) and Deliverable 8.8 (M30).

TresClean dissemination activities will be monitored throughout the project in order to compare outputs against the Dissemination Strategy (which will be highlighted in Deliverable 8.9 & Deliverable 8.19), as well as identifying early potential issues and to comply with European Commission reporting requirements.

The Communication Kit has been prepared by Kite Innovation (Europe) Ltd (KITE) with the support of the Consortium Partners. KITE will be responsible for the overall co-ordination of the Communication Kit.

Any feedback on this document should be sent to the following people:

- Project Management Team – tresclean@kiteinnovation.com
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This document provides a single point of reference that describes the associated aims and objectives within the Communication Kit and how they will be achieved throughout the lifetime of the project. Much of this information has been designed to continually review and develop the Dissemination Activities for continuous improvement.

The Consortium recognises the importance of communication within a project and has reviewed in detail the Horizon 2020 guidelines on [‘Communicating EU research and innovation guidance for project participants’](#).

2. Communication Kit Research

A TresClean presentation template was created to allow partners to effectively disseminate project aims and results, as shown in Figure 2 below.



Figure 2 – TresClean Presentation Template.

This presentation format will be used by all partners to ensure consistency whilst the Project is being publicised and to ensure the input of the European Commission and Photonics 21 is adequately acknowledged.

The presentation template is available as a download from the Publications section of the project website: <http://www.tresclean.eu/publications>

3. Flyer

Printed leaflets and flyers are an inexpensive way of advertising the TresClean Project to potential stakeholders. The consortium has created a version that provides an overview of the project, as well as its aims, objectives and targets, as shown in Figure 3 below.



Figure 3 – TresClean Flyer (Version 1)

Partners will disseminate the flyers at meetings, Conferences and other activities that could promote the interest of the stakeholders.

The project flyer is available as a download from the Publications section of the project website: <http://www.tresclean.eu/publications>

4. Newsletter Template

A Newsletter Template has been created and will be used throughout the duration of the Project, as shown in Figure 4.



Figure 4 – Newsletter Template (Version 0.01)

The Project Newsletter will be distributed on an annual basis to all relevant stakeholders and will be coordinated by Kite Innovation (Europe) Ltd.

The newsletter template is available as a download from the Publications section of the project website: <http://www.tresclean.eu/publications>

3. Impacts and Benefits

The overall aims of the TresClean project are:

- Improved business opportunities and value creation in Europe by reinforced cooperation along the value chain.
- Secured and reinforced industrial technology leadership and substantially increased market presence in laser-based manufacturing of high-quality products.
- Significant productivity increase and substantial leverage effects for many industries using laser-based manufacturing.

TresClean aims to transform laser texturation of surfaces from a low-productivity process, limited by a lack of power and limited beam manipulation, to a high-throughput based process, harnessing ultra-short pulse high power lasers and high-speed scanners. The results will be demonstrated in the laser texturation of fluid repellent and anti-bacterial surfaces with wide application in moulds used to make component plastic parts for consumer white goods and metal parts in liquid filling machines for the food and beverages sector. The strategy of TresClean is to work with early adopter customers within the consortium to demonstrate the industrial relevance of the laser technology and to support the piloting of the TresClean systems within their production operations as reference sites. By establishing a platform based on leading key users in their respective sectors, the prospects for the wider, receptive, dissemination, exploitation and market acceptance of the results across Europe in these important sectors will be strong.

4. Conclusion

Partner consultations will take place at the next Consortium Meeting as a means to identify potential ways of improving the Communication Kit. It is acknowledged that successful implementation of the Communication Kit also hinges on the combined efforts of all consortium members.

Partners are to inform the project management team when disseminating any activities in regards to the Project, which might include:

- Project Results
- Attendance of Conferences
- Images of Partners disseminating their Project Results

The idea is to gather as much rich data as possible during the lifetime of the project and select the best items for dissemination.