


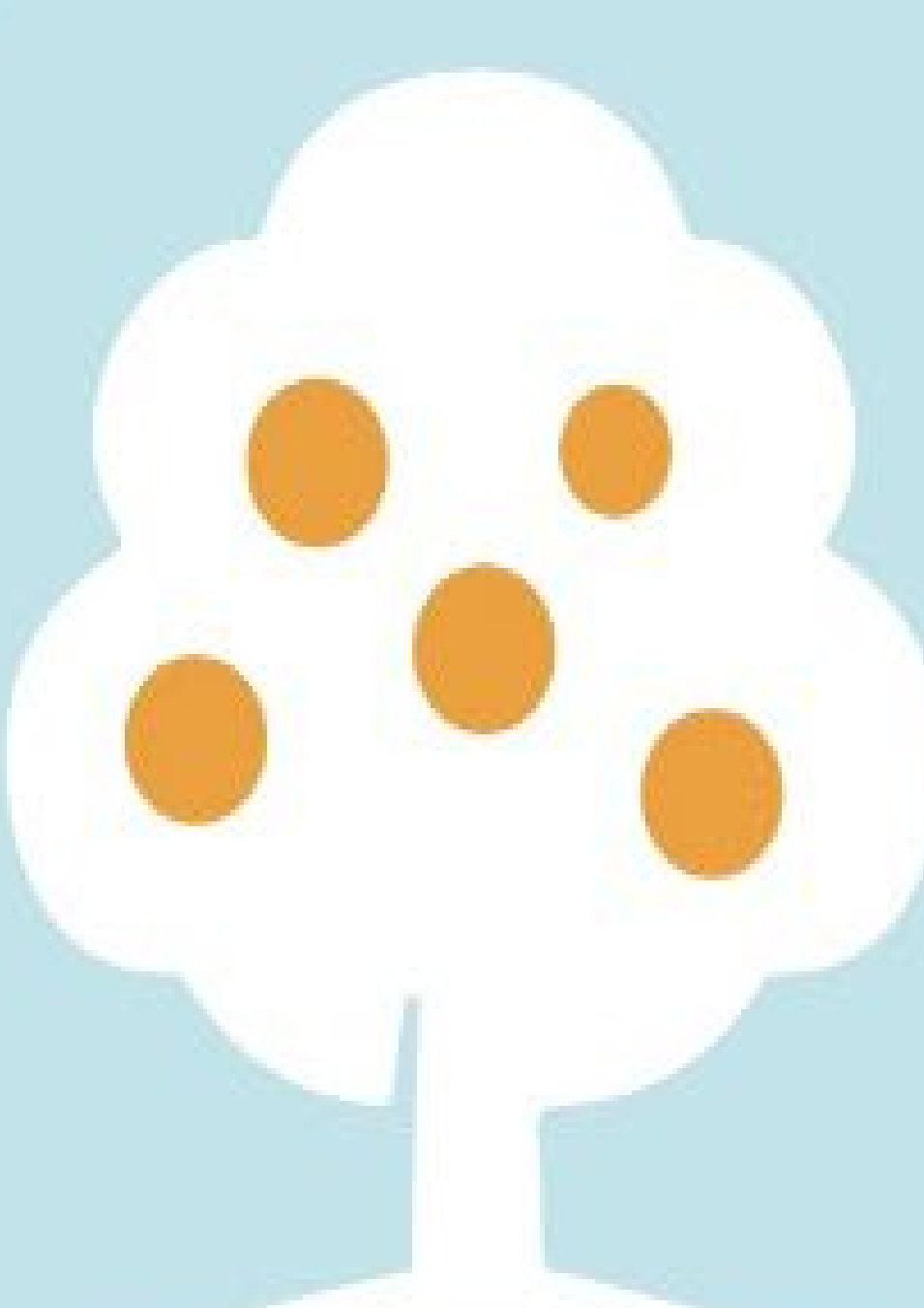
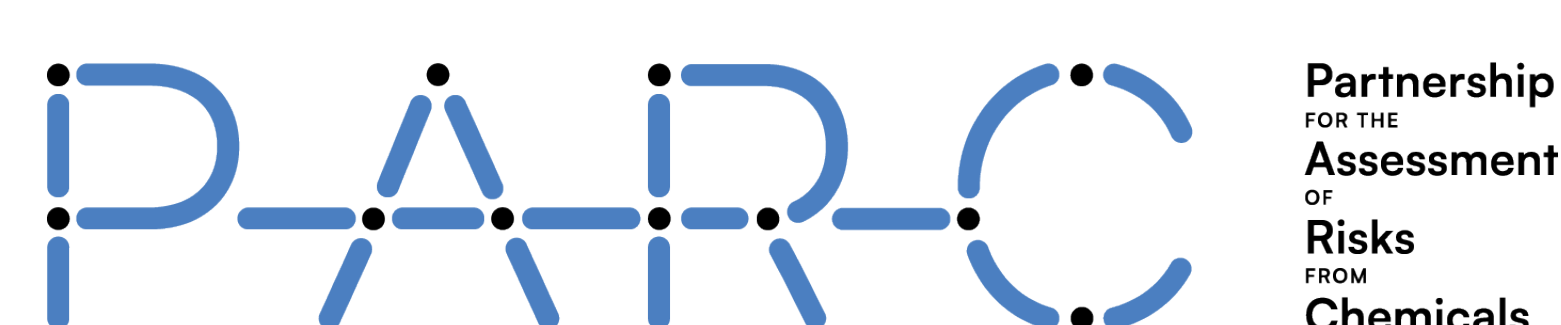


MAKING CHEMICALS AND MATERIALS SAFE
AND SUSTAINABLE TO PROTECT HUMAN
HEALTH AND THE ENVIRONMENT.



SAFE AND SUSTAINABLE BY DESIGN BOOT CAMP

The Joint Research Centre (JRC) - the European Commission's (EC) science and knowledge service - in collaboration with the Partnership for the Assessment of Risks from Chemicals (PARC) are pleased to announce the first edition of the 'Safe and Sustainable by Design' (SSbD) Boot Camp programme.



When:

25-27 October 2023

Wednesday 14:30 CEST - Friday 14:30 CEST

Where:

EC Joint Research Centre,
Ispra, Italy

Who should attend?

Researchers and Practitioners
with relevant technical-
scientific background

Language:

English



Why this Training School?

The development of 'safe and sustainable by design' (SSbD) chemicals and materials is key for the transition towards climate neutrality, a circular economy and zero pollution/toxic free ambition of the European Green Deal. In December 2022, the EC published a Recommendation establishing a European assessment framework for SSbD chemicals and materials. The framework for the first time puts together safety and sustainability dimensions. It presents the aspects and indicators to be considered, as well as the methods and tools that can be used in the different steps of the SSbD assessment. In addition, the framework proposes a tiered approach to consider these dimensions from the beginning of the R&I and with a life cycle perspective.

The European Partnership PARC aims to develop scientifically robust assessment methods and tools in order to promote innovation in chemical risk assessment, including the development of a toolbox to support implementation of the EU SSbD framework. Representatives of PARC will share their experiences on method and tools development relevant for SSbD during the event.

This Boot Camp will provide you with a unique opportunity to get fundamental insights in SSbD thinking, learn about the EU SSbD framework from experts in the field, share knowledge and experience, and become part of the growing SSbD community.

What is on offer for you?

Two full days of a highly engaging and interactive programme including presentations by experts in key SSbD fields and with breakout sessions for discussion on specific topics.

The programme will focus on the SSbD framework. The programme will build on the SSbD thinking, starting with the background of the EU framework. The participants will learn about the concepts and assessment methods described in the framework (i.e. hazard assessment, exposure assessment, risk assessment, environmental sustainability assessment, and social and economic sustainability assessment). In the break out sessions participants will have the opportunity to engage in discussions on real case studies, exchange knowledge and critically reflect on the different aspects of the SSbD concept to propose solutions to the identified challenges.

Who can participate?

The attendance is open to anyone interested in the SSbD framework implementation with a **technical-scientific background*** (considering the emphasis on the technical elements of the framework).

*Background in one of the areas is required: hazard assessment (human health and/or environment), exposure assessment, risk assessment, environmental sustainability assessment (Life Cycle Assessment), social sustainability assessment, economic sustainability assessment.

The **maximum number** of participants is **30**.

How to apply?

By sending:

- a short CV demonstrating your scientific/technical background and
- a motivation letter.

To: jrc-ssbd@ec.europa.eu

Deadline for submissions: 30 June 2023

Applications will be evaluated by field experts and decisions on successful applicants will be announced via email by the end of **July 2023**. As much as possible organisers will also strive to gather participants with different backgrounds and expertise.

Costs and logistics

Participation in the JRC SSbD Boot Camp is **free of charge**. However, participants will need to cover the costs of their travel and accommodation.

The JRC will provide practical assistance in booking reasonably priced accommodation in the local area and will arrange free local shuttle transportation according to a fixed timetable (additional information will be provided to the selected participants).

Participation to the entire programme is required by the selected participants.

Join us in testing the **framework** and using the safety and sustainability assessment for your R&I activities on chemicals and materials.

This framework can

- steer **innovation**
- become a global **reference**
- accelerate the development of **alternatives** to substances of concern.