

Name and Address of Submitting Company

Contact Person

Phone

Mobile

E-mail

☐ In case of an award on the first three places or special prizes, we order duplicates for the award ceremony (please let us know)

Name and Address of Part Manufacturer

Contact Person

E-mail

Name and Address of Machine Producer

Contact Person

E-mail

Name and Address of Material Supplier

Contact Person

E-mail

Name and Address of Mold Maker

Contact Person

E-mail

Name and Address of Other Involved Companies (engineering office, design office etc.)

Contact Person

E-mail

Vehicle / Vehicle Manufacturer

Time of First Use/Market Introduction

☐ One member from the development team will present the component and answer detailed technical questions from the jury (max. 3 min. + 4 min. questions from the jury, scheduled for March 8, 2027, on site or online):

Title

Name

Phone

E-mail

Date

Signature

Legal Notice: We process your personal data exclusively in accordance with the data protection information (available at <https://www.spe-ce.de/wp-content/uploads/Datenschutzhinweise.pdf>)

Submission Category



Body
Interior



Body
Exterior



Power
Train



New
Mobility



Chassis Unit/
Structural Component



Electronical/
Optical Part



**Series
parts**



Enabler
Technology



Pre-Series Parts, Special Technologies, Operating Equipment, Big Data, Process Design, etc.

Part Name (maximum length of 50 characters)

Production Process (only name and do not describe procedures here)

Material Name and Trade Name (use industry designations like PA6 GF10MF20 / Akulon Ultraflow K-FHGM24)

Please note the instructions for filling out on page three of the form!

Your part description forms the basis for the assessment. Please describe all aspects relevant to the assessment clearly and concisely. The information provided may also be used for publications and presentations.

Innovation / Special Features of the Part or Component / Technical Challenges. **Please do not use any company, type or brand names here!**

Assessment Criteria:

Technical Solution / Level of Innovation:

How does the new solution differ overall from the state of the art?

Material Selection:

What are the selection criteria for the material? What special properties characterize it?

How does the material selection favor the required product properties? Does the material selection for this application represent an absolute innovation?

Mold Construction:

Rough description of the mold concept, What changes compared to the previous mold / special features or special challenges? Special features or particular challenges in the design? New and innovative solutions in the implementation? Are there any significant simplifications that favor economic efficiency?

Processing:

How has the processing procedure changed compared to the previously used part? Special features or special challenges in the process design? New and innovative solutions during implementation? Process steps that enable new product properties or component functions? Are there any significant simplifications that favor economic efficiency?

Product Design:

What design aspects have been incorporated into the development of the innovative component? Are there any new requirements that are met by the design? Are there any significant simplifications that favor economic efficiency?

Economic Efficiency:

What savings from an economic point of view does the component as a whole or individual areas (toolmaking, production, material, ...) (quantitative summary of the innovation contributions from the aforementioned categories as well as overarching innovations, e.g. in the development phase)?

Sustainability of the Part. Optional submission for the Sustainability Award!

Note: Complete this section only if you wish to apply additionally for the Sustainability Award. This special award recognizes components, technologies, and manufacturing processes that make a significant contribution to environmental sustainability.

Please use the following guiding questions as a framework for your response:

1. Benchmark and Sustainability Benefit

What product, component, or process serves as the benchmark? Why is your solution more sustainable than the reference?

2. Challenges and Solution Approach

Which technical, economic, or regulatory challenges had to be overcome? What solution approach was chosen?

3. EcoDesign and Circular Economy

Which EcoDesign principles or R-strategies have been improved or newly implemented compared to the benchmark (e.g., material and weight reduction, design for recycling, use of recycled content, reparability, or lifetime extension)?

4. Internal Effort

What significant effort within your organization was required to develop and implement the sustainability improvement (e.g., development, qualification, or implementation activities)?

5. Quantification of the Sustainability Impact

Please quantify the sustainability improvements compared to the benchmark, for example by providing data on the reduction of the carbon footprint (GWP) and, where applicable, other environmental impact categories such as energy consumption, resource consumption, water use, or land use. Wherever possible, present the results per component and as a transparent extrapolation to total production volume or annual output.

6. Methodology and Data Basis

How were the results determined (e.g., internal/external life cycle assessment, verified data, or estimates)? Please specify the methods, data sources, and software tools used (GaBi, SimaPro, openLCA, Umberto, FRED, Excel, etc.).

Please describe sustainability improvements as quantitatively and transparently as possible.

USP (Unique Selling Point) of the Part (maximum three terms)

Filling Out Instructions (please do not hesitate to contact us for clarifications/questions)

You will find explanations and instructions for completing the form in the relevant fields, on the "Explanations" sheet and in our video tutorial (<https://www.spe-ce.de/downloads>)

Please Note:

The presentation of innovations at the jury meeting will focus exclusively on technical, economic, and sustainability aspects. If company information or purely promotional statements are made, the presentation will be immediately stopped, and a member of SPE Central Europe will take over the presentation of your submission.

All submitted components will remain permanently with SPE Central Europe and will be used for exhibitions and informational events, especially at colleges and universities.

Components that are still subject to confidentiality at the time of assessment may be submitted. During the assessment, such components will be made available to the jury members for a limited period of time only and accompanied by a notice regarding the confidentiality obligation. If required, no written information about the component will be provided to the jury until permission has been granted by the submitter.