

Alternative Fuel Award

Award Application Outline

Who can apply:

- Collaborations with NGOs / municipalities / educational institutions for alternative fuels sourcing
- Case studies on plant installation / design for
 - processing waste (bio, municipal, industrial origin) into alternative fuels
 - co-processing alternative fuels in industrial applications (e.g. cement, lime, steel...)
 - drying of alternative fuels
 - emission monitoring in connection with alternative fuels
 - alternative fuels manufacturing / co-processing / dosing / feeding
- Case studies on implementation of
 - new emission monitoring in connection with alternative fuels
 - innovative information management systems for alternative fuels
- Research projects for
 - new or innovative technologies on waste reduction
 - new or innovative technologies on alternative fuel utilisation
 - emission monitoring

...or similar: If your project type is not mentioned in this list but would in your opinion deserve this award, you are welcome to submit your project as well. However, in this case, we cannot guarantee that it will be accepted in the competition.

What to include:

For the AFA evaluation committee and in order to successfully submit your project for the 2020 Alternative Fuel Award Competition, the following **MANDATORY** information must be provided (if applicable):

Introduction	Project description:	Conclusion
<ul style="list-style-type: none"> ▪ Company / Institution / Project name ▪ Contact details ▪ Project team ▪ Location ▪ Background 	<ul style="list-style-type: none"> ▪ Project type ▪ Concept (technical / operational) ▪ Starting date of the project ▪ Project goals ▪ Definition of relevant stakeholders ▪ Investment costs ▪ Fuel description + tonnage ▪ Problems which occurred and solutions 	<ul style="list-style-type: none"> ▪ Summary of experiences gained ▪ Learnings ▪ Recommendations

As a general outline for your project description, you can find key questions to describe different project types below:

Technical installations (AF manufacturer / consumer):

- Which wastes / alternative fuels (hazardous / non-hazardous) are used?
- How much of the material is recycled?
- What are the quantities used?
- How much landfill space is saved?
- Which equipment is used?
- What is the impact on fossil fuels usage?
- What is the impact on heat / electricity consumption?
- What is the impact on emissions (CO₂, NO₂, SO₂)?
- How much waste heat is produced / recovered?
- What are the societal benefits (job creation)?
- What is the logistical procedure for AF reception?

Case studies and research projects:

- How is the feasibility assessed?
- What are the practical implications of the study / project?
- What new technologies / innovations are described?
- What are the findings' effects on fossil fuels use, energy consumptions, emissions?
- What are the societal and environmental benefits (job creation, waste management systems, less emissions)?

Collaborations with NGOs / municipalities / educational institutions:

- How were funds raised?
- Is the project supported / enabled by statutes?
- Who were the stakeholders? How were they involved? How did the project raise awareness?
- Has the project been mentioned in the press?
- What is the impact on the environment (emissions, waste management)
- What are the societal and environmental benefits (job creation, waste management systems, less emissions)?
- Was the project subsidised / did it receive governmental incentives?

How to submit:

All kinds of graphics (pictures, diagrams, flow sheets etc.) should be labelled standardized as **Figure**.

The figures are required as **ORIGINAL** data files (e.g. jpg, tif, png and so on) at the best possible quality, in addition to the inserted file in your project description.

Please also forward us all diagrams and flow sheets separately. If the figures had been generated in Excel or PowerPoint, please also send us the .xlsx or .ppt-file.

Please translate the labelling of the figures to English.

Please **ONLY** submit your project description for the Alternative Fuel Award competition as .docx or .pdf file send by **30 June 2020** to workshop@lechtenberg-partner.de or upload it through the form on <https://lechtenberg-partner.de/symposium/alternative-fuel-award>.