# Waste Challenge Title
*[add title here]*

## Introduction
*[add introduction to the theme here]*

Sustainability is the megatrend of the 21st century. At the moment, it is mainly ecological aspects that are being discussed, such as combating climate change and adapting to it.
In this context, the federal government is pushing the **expansion of renewable energies**.

## Problem Definition:
[formulate a problem and please make sure, it does not propose a solution yet]

One aspect that has not been sufficiently discussed so far is the **recycling of renewable energies**. This is a big topic that few people have talked about so far, because renewable energies are to be built as much as possible for the time being - come what may.

## What is the waste challenge?
*[add a short description of the challenge, including a one-liner that connects to the overall collider theme of 'leave no waste behind']*

How are rotor blades from wind turbines, concrete blocks from onshore wind turbines, solar panels recycled?

How are these products disposed of so far? How can they be disposed of more sustainably? How high is the risk of associated environmental damage?

How can circular processes be set up around the recycling of renewable energies?

*Note: please make sure that the challenge is open-ended.*
*The project groups are expected to explore the problem and identify opportunities for innovation and then develop solutions*

*[add the key questions and/or overall challenges you would like the project groups to focus on]*

- …
- …
- …

## Who is behind this challenge?
*[add a short description of your organization and relevant stakeholders here]*

BayernLB is a top commercial bank in Germany and has established itself as a streamlined bank for promising sectors of the German economy. The BayernLB Group is one the country's top property financiers and asset managers. Through its Real Estate division, a core business area, the Bank finances property in all asset classes. BayernLB is there for its real estate customers, both in Germany and elsewhere in Europe.

BayernLB is also very active in the field of renewable energies:
BayernLB has been supporting the energy turnaround for more than 15 years by financing solar and wind parks. In 150 transactions, EUR 7.5 billion in investment volume and 4.4 GW of installed capacity were represented worldwide. The electricity produced corresponds to the annual consumption of 2.4 million households. This avoids CO2 emissions of 3.9 million tonnes per year.

## Topic domain of challenge: Cities, Energy or Consumption

*[add topic domain here – if your challenge fits into more than one domain, please list all of the suitable domains according to your preference]*

Energy

## Desired Impact of Challenge:

*[tell us the change that should occur as a result of a planned intervention and the story, experiences and/or feelings of people or society* as result of change*]*

The aim of this challenge is to first get an overview of how renewable energy components are currently disposed of and recycled.

Subsequently, it can be analysed how the recycling of renewable energies, subdivided according to the different products, can be set up more sustainably and in the sense of circular processes.

This can lead to approaches for companies on how to design their products more sustainably in the future.

## Skills needed/recommended

*[The module is open to everyone (Bachelor/Master students, interns) but maybe some skills might be especially useful for the Challenge]*

## Relevant considerations for the challenge / theme:

*[add any consideration or tips/tricks you have for the project groups, including boundaries of the theme and what you would leave out of scope]*

## Relevant links:

*[add relevant links to information or key stakeholders that the project groups can explore, including contact information if possible]*