

TOP 10

Klever Birne 2025

Overview of the
cleverest Ideas



KLEVER
BIRNE

kleverbirne.de

Nimm teil,
gewinne,
mach KLEVE
nachhaltiger!

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1

Anna-Lena Frauenlob - 10m² Neighborhood

Cars spend 95% of the day in public spaces, occupying a parking space of at least 2 m x 5 m = 10 m². For Anna-Lena Frauenlob, Jan-Peter Heinz, and Philip Frauenlob, this contradicts the importance of public spaces as places for people to meet and relax. They have designed a bicycle trailer that aims to bring people in a neighborhood together in 10 m². The bicycle trailer, which also serves as a counter for coffee and cake, is equipped with a small storage space for materials and tools for quick neighborly help. When fully assembled and unfolded, including a bar table and bench, it takes up exactly 10 m² of the smallest parking space size. It is intended to make regular stops at predetermined locations.



2

Julia Koch - mini-Klever

mini-Klever is a digital platform. At its heart is an ideas marketplace. Here, Julia Koch, Younes Al-Cabir, Colin Rusch, and Kai Schmid want to bring together local businesses with people who have good ideas for climate protection, resource conservation, or social projects. The goal is to find resource partnerships for materials, expertise, or financing. In addition, the HSRW students want to use it to give companies and associations access to committed students, for example, in the context of microjob placement.

With the prize money from Klever Birne, the platform can be technically implemented, legal framework conditions secured, and a targeted campaign launched to attract Klever companies, citizens, and students to participate.



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3

Sarah Kisakye, Studentin - Swap Stations



The idea of sharing things we hardly ever use or no longer use with others is behind Sarah Kisakye's proposal to set up swap cabinets. These could be expanded to include tool libraries, where tools that are not available in every household could be borrowed for a small fee. By offering additional workshops where expert volunteers share their knowledge of repair, do-it-yourself (DIY), and recycling, the exchange platforms provide an opportunity to create spaces for community and interaction.

4

Shivashish Pachauri - Environmental data network

Together with colleagues, Shivashish Pachauri, a former student at HSRW, developed the idea of placing sensors at critical points and using a mesh network to collect and share environmental data such as temperature, humidity and air quality, soil moisture, water levels, UV index, and light. They designed their own sensors for this purpose. The advantage of the mesh network over other networks is that only a single connection point requires an internet connection, saving both costs and energy for all other nodes (i.e., sensors). Their data is simply forwarded from node to node to the gateway. The prize money will be used to purchase and install the first 25 sensors at drought-stricken locations and as flood monitoring points on the Rhine and Niers rivers.



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5

SoLaWi Kleve e.V. - Sharing the harvest



At SoLaWi Kleve, producers and consumers have joined forces to form an economic community. The basic idea is that members pay a monthly membership fee and receive weekly vegetables, which can be picked up on harvest day at predefined locations. Members also actively participate in planning the growing season and in field work. The farm is located on approximately 7,300 m² of land, which is leased on a long-term basis from the city of Kleve. The association would like to use the prize money to build a small shelter for equipment and an irrigation system.

6

Kirandeep Kaur, Studierende - Sanjha Sharing Stations

Kirandeep Kaur, a student at HSRW, was inspired by an established network of giving and taking in her home country of India. She proposes installing transparent metal and/or glass cabinets in public places. The weatherproof cabinets serve as open exchange platforms for reusable items such as clothing, books, electronic devices, small household goods, kitchen utensils, and much more. In addition, a local app is intended to support the lending of rarely used items such as larger tools. The term Sanjha, which she wants to use for the exchange cabinets, means sharing in Hindi.



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7

Mario Spengler, Hermesen GmbH - Klever Becher



Quick coffee breaks have long been the norm—even in Kleve. However, disposable cups generate a lot of waste. Reusable cups are available, but each café or bakery uses its own reusable system, which many consumers find inconvenient.

Mario Spengler and Joachim Just from the Kleve-based company Hermesen GmbH thought there had to be another way. Why not introduce a city-wide shared reusable cup system in Kleve? Customers pay a one-time fee of €2.00 for the reusable cup, which is produced in Germany. The incentive is a €0.10 discount when refilling.

8

Christoph Gebhardt, Très Chig Studio - Second Chic

Christoph Gebhardt from Très Chig Studio in Kleve wants to organize a large secondhand market in Kleve twice a year in the future. As a special feature, a supporting program of live music and culinary offerings is planned. The event series is to be established at Meyerhof in the long term—he has already secured them as a partner. For larger events, especially in the colder months or when a large number of visitors is expected, the Kleve town hall could be an ideal solution. The markets are intended to appeal to different target groups: families and children as well as adults. The prize money will be used to finance rent, advertising, technology, and organization. This will enable fair stand fees and affordable admission prices.



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9

Hien Do, Student - Tiny Edible Forests



With his idea, Hien Do, who is completing two degree programs in sustainable agriculture at HSRW, wants to transform small or medium-sized gardens into tiny edible forests in the long term. Fruit and nut trees, berry bushes, herbs and vegetable plants, as well as bulbous and tuberous plants, are planted and cultivated according to individual preferences. Everyone is invited to participate: garden owners and those without gardens. With the help of Hien's network and his colleagues, they should find each other and form a community: helping with planting, caring for, harvesting, and sharing the yields.

The winners of Klever Birne 2025

