

**PUBL41**

**Konstantin Achkov**

Lock Furniture & Fokus Green

Date of Birth: - Gender: Male

Applied as: Team

Bulgaria

Education: National University of Arts

**Urban and Public Design**

## **Innovative designer furniture from natural sustainable and recycled materials.**

Lock Furniture is a design brand for furniture based on innovative, developed inhouse, original joints. All products are produced from sheet materials by CNC milling. At the present moment the majority of the details are produced from sustainably grown baltic birch plywood. As the company is in constant search for innovation and ecological solutions, we partner with the Colombia based, street wear brand Fokus Green in terms of supply of recycled textiles and plastics to be used as seatings and backrest for our furniture models. Future plans include replacement of the baltic birch plywood with recycled plastic sheet material.

For this contest we showcase the Lese Furniture family where the seatings and backrests are made entirely from plastic and Electron Chair where the seating, the backrest and the attaching ropes are made from recycled from plastic textiles.

Further more the process of production - CNCmilling, and the use mainly of "sheet" materials allows the replacment of plywood with plastic sheet material. This proces of preparation for CNC milling, called "nesting" also allows the production to minimize

almost entirely the waste, which is afterwards recycled again.

**Source of plastic:** Recycled plastic bottles (PET)

**Type of plastic:** Recycled plastic bottles (PET)

**Other Materials Involved:** We use the body of the bottles (PET) for textiles, we use the cap of the bottles (PPT) for furniture appliances.

**Dimensions:** As attached at the product description .jpg

**Already in production?:** Yes

**Produced by:** Lock Furniture Europe, Fokus Green, Lock LATAM, Lock Furniture USA

**Video presentation of the project:** <https://lock-furniture.com/products/seatings/chairs/details?id=5984> ,  
<https://lock-furniture.com/series/lese/>

**Did you participate in other contests with the same project?:**

no

**Website:** [lock-furniture.com](https://lock-furniture.com), [fokusgreen.com](https://fokusgreen.com)

**Link all'application:**

<https://drive.google.com/open?id=1t97qVF7JrDE-uCiTGH9zDpZNPBY6r7r>