



## **A hand for Iki: 3D printing of low cost prostheses thanks to an international solidarity movement**

**LOCATION:** Granada

**DURATION:** 1'34"

**SUMMARY:** Federico Coca is a teacher at the Virgen de las Nieves High School in Granada; but he is also a member of the 'Enabling the future' global network, which creates prosthetic hands using 3D printers for a good cause. Federico has manufactured one of these hands for Iki, a seven year old boy who lives in Alicante.

### **VTR:**

Iki is 7 years old and was born without a hand. He lives in Alicante, but thanks to his parents, he contacted Federico, who is from Granada. He is a member of a global network, Enabling the Future, which uses 3D printing to manufacture prosthetic hands.

**Federico Coca**  
**Member of 'Enabling the future'**

*"Using free knowledge to serve a good cause. Small children are going to grow up and good prostheses are very expensive. This way we can make something similar to a toy that children enjoy, offering certain functionalities."*

It was that functional aspect, and not the aesthetic, what convinced Iki's parents to join this project along with Federico.

**Alan Niklewicz**  
**Iki's father**

*"The design of the hand, its functionality, it has nothing to do with aesthetics, on the contrary. We try to use the 3D printed hand as if it were a toy."*

The model designed by Federico, with the help of other colleagues, tries to simulate a real hand. Its cost would be 30 euros and consists of 18 3D printed pieces. It moves with the child's elbow.

**Federico Coca**  
**Member of 'Enabling the future'**

*"The hand can open and close its five fingers at once. Grab a ball."*

**Alan Niklewicz**  
**Iki's father**

*"He was born this way and has a lot of skills, in fact, he is doing fine the way he is. This is about giving him another capacity, which he has demanded."*

In the beginning, the Enabling the Future global network counted on 300 volunteers eager to make their contribution and create prosthetic hands with their 3D printers. Federico is one of the 4,000 volunteers that compose this network today.

For more information or support please call +34 662 369 820 or email [info@andalusianstories.com](mailto:info@andalusianstories.com)