



# EUROPEAN MANUFACTURING INNOVATION



EIT Manufacturing is supported by the EIT,  
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EMBRYO

# ENGAGING PUPILS INTO MANUFACTURING

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# The motivation and challenge

Image that pupils, young students and society has of manufacturing is...



Isn't this an old picture?  
Let's change it!!

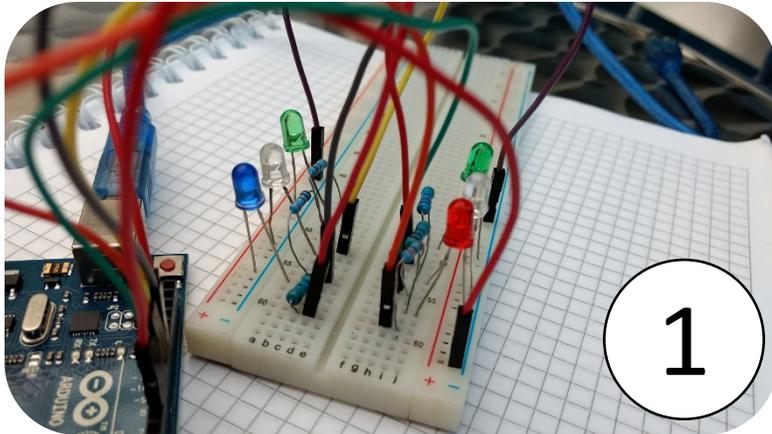


Producing your own creations is awesome and Europe urgently needs new skilled people for advanced manufacturing



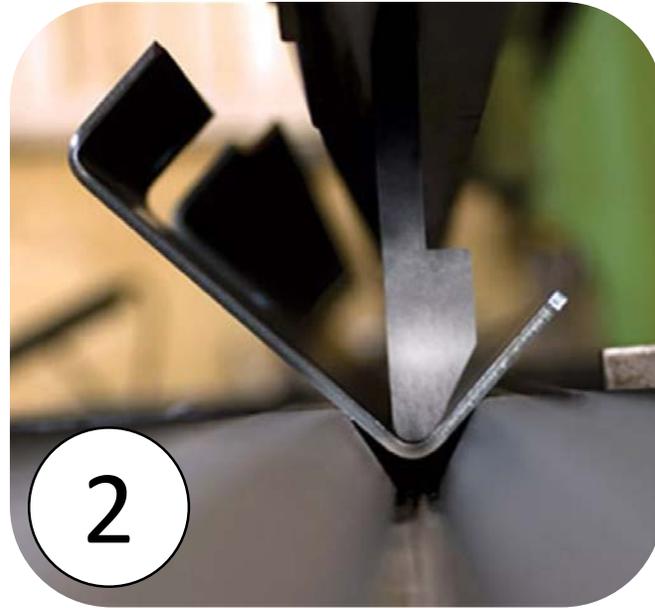
# The proposed solution

New lectures, lecturing methodology and a new tabletop press are available



1

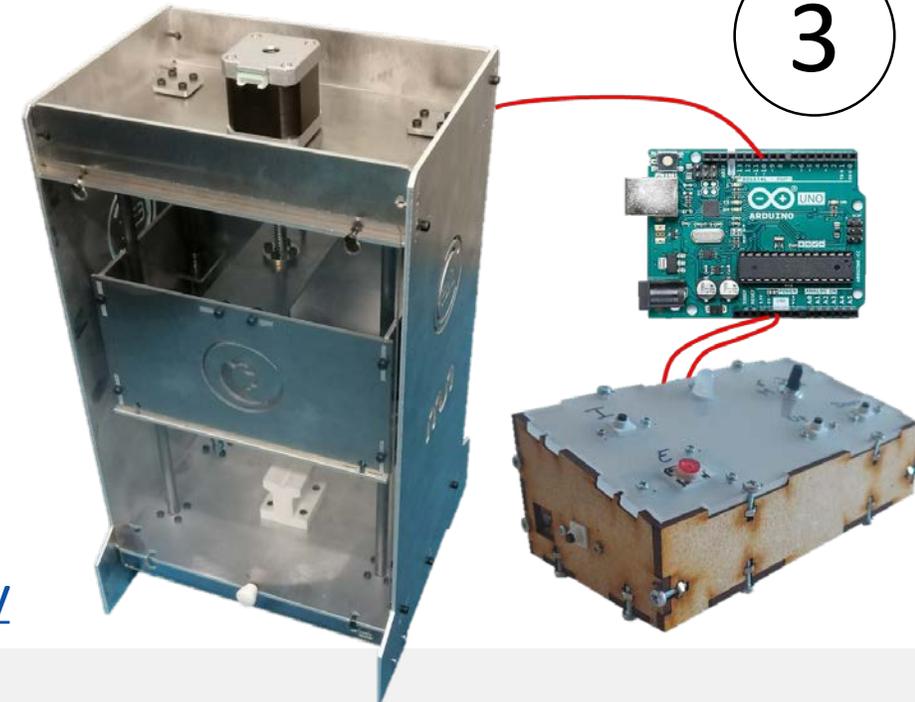
Pupils first learn about Arduino, sensors, digitalization



2

Manufacturing processes are taught together with sustainability

Finally they mount a tabletop press and create products



3



# Results and conclusions



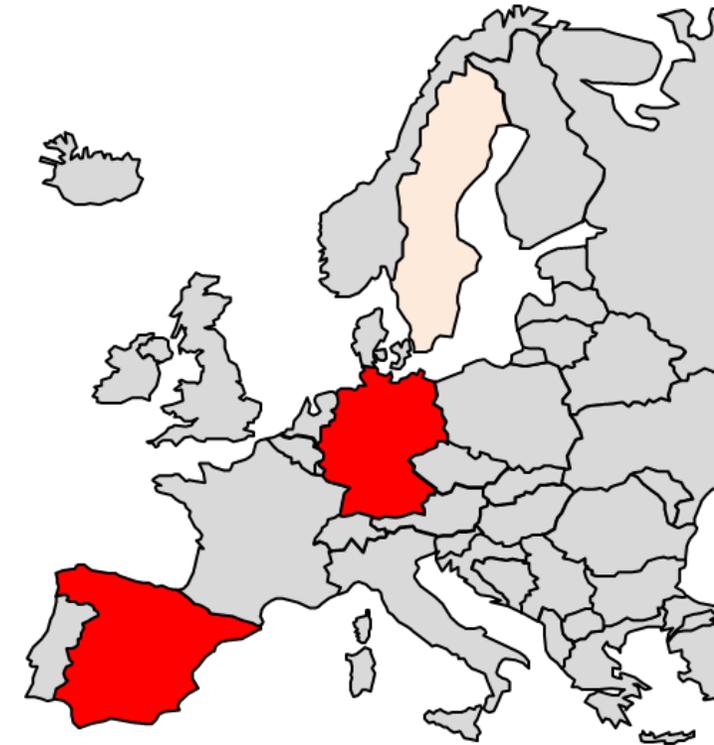
≈ 270 pupils have been taught with the new EMBRYO creations

New manufacturing kit will be developed in 2021, to enable students create their own machines

The new lectures and methodology have been applied in 13 secondary school classrooms

(14 years old, Germany + Spain)

Join us!!!

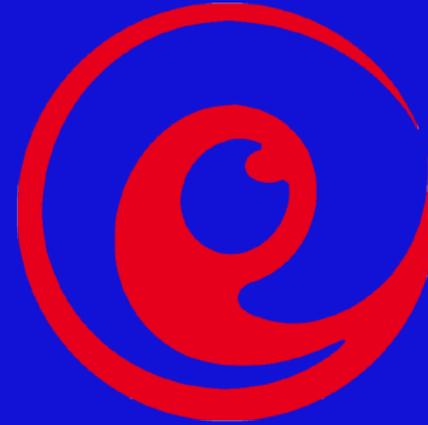


[www.eitembryo.eu](http://www.eitembryo.eu)



# EMBR@

Thank you!!



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