



# Pollywood

## Project summary

### Industry Partner(s):

Northern Powergrid, UK Power Networks

### Innovator:

Pollywood Ltd.

### Challenge:

Traditionally, wooden power distribution poles have been preserved using creosote, a chemical which will eventually be banned. There are currently no viable alternatives, therefore, there is a need to find a replacement preservative or material that can be used instead of the traditional wooden poles.

### Approach:

Via an industry recommendation to the EIC, Pollywood Ltd. Produced a proposal for the development of an alternative to wood poles.

### Outputs:

The development of a sustainable, ultra-strong wood pole manufacturing technique that reduces material use by up to 85% and has the potential to change the face of construction and open up a new lease of life for the British wood industry with a new sustainable, valuable material.

 **Impact:**  
**Radical**

 **Key benefit:**  
**Environmental**

Potential to save 90,000+ tree saved per year, eradicate the use of creosote & reduce CO2 emissions.

 **Additional benefits:**  
**Societal**

Return of manufacturing jobs to Teesside when the business moves into full scale production.

 **Financial**