



# BIO4 PRODUCTS

Creating sustainable resources for process industry

## Taking the fast (pyrolysis) lane to a bio-based future

To shift away from a fossil based economy, we have to start making our 'stuff' from renewable (and local) natural resources. Bio4Products is demonstrating a breakthrough method to transform straw, bark, and other biomaterials into renewable chemicals, which can replace fossil resources in end products such as resins, roofing materials, and engineered wood.

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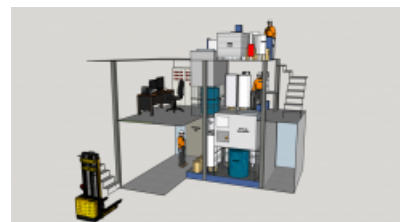
### LIGHTS, CAMERA, ACTION!

Got a spare 3 minutes? Our video gives a crash course on bio-based products, fast



### PYROLYSIS FOR DUMMIES

Pyrolysis is the thermochemical decomposition of organic material at elevated



### OUT OF THE LAB

A breakthrough process is key to unlocking the potential of biomass for new bio-based

pyrolysis, and an insight into what inspires the Bio4Products partners.

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temperatures in the absence of oxygen. Sound complicated? Read our explainer.

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products. A newly built demo-plant will help scale up production.

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## SURPRISE YOURSELF

Bio-based pens? Bikes? More and more products are being made from bio-materials. BTG has helped compile those currently available in a new database.

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## RURAL RENAISSANCE?

Making products from local, bio-based materials will create many new high and low skilled jobs across Europe. Who could work in a pyrolysis plant?

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## IN-SPIRE-ATIONAL

In case you missed it... download the presentation BTG Biomass Technology Group gave at the SPIRE 2017 EU Process Industry Conference in Brussels.

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## MEET THE TEAM

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## BTG BIOMASS TECHNOLOGY GROUP

Get to know BTG, a Dutch SME that has been at the forefront of the bio-based revolution for 30 years.

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## POLITICAL NEWS

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## DOOR CLOSES ON CROP-BASED BIOFUELS

MEPs have adopted tighter rules on crop-based biofuels as they look to increase the sustainable use of biomass in the EU.

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## EU BOOST FOR BIO-BASED PRODUCTS

The Commission will announce new actions to improve the conversion of renewable resources into bio-based products.

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SEE YOU THERE?



## BBI STAKEHOLDER FORUM

Greenovate! Europe will be in attendance at the inaugural Bio-Based Industries Stakeholder Forum on 7 December in Brussels.

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## EU CLEANTECH FORUM

Save the date! Derbigum will be presenting their work on bio-based roofing products. 14-18 May 2018, in Antwerp, Belgium.

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STAY CONNECTED WITH US



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