



## Technology Description (TD) for Anaerobic Digestion Technologies

### Contact Information:

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<i>Date (of filling the TD):</i>	17.10.2016			

### Technology Description:

<b>NAME OF TECHNOLOGY</b>	Dry batch anaerobic digestion of underutilised biomasses
<b>ASSIGNMENT OF TECHNOLOGY</b>	
<b>TECHNICAL READINESS LEVEL</b>	
<b>TRL 1</b> - basic principles observed <b>TRL 2</b> - technology concept formulated <b>TRL 3</b> - experimental proof of concept <b>TRL 4</b> - technology validated in lab <b>TRL 5</b> - technology validated in relevant environment (industrially relevant environment in case of key enabling technologies) <b>TRL 6</b> - technology demonstrated in relevant environment (industrially relevant environment in case of key enabling technologies) <b>TRL 7</b> - system prototype demonstration in an operational environment <b>TRL 8</b> - system completed and qualified <b>TRL 9</b> - actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)	9
<b>TECHNOLOGY/EQUIPMENT AVAILABILITY</b>	
<b>PATENT RIGHTS</b>	YES



<b>METHOD OF MAKING THE TECHNOLOGY AVAILABLE</b>	<i>Licence selling</i>	YES
	<i>Licence granting</i>	YES
<b>POSSIBLE END USERS OF TECHNOLOGY</b>	<i>Please name end users/ contacts that should be invited to project workshops</i>	

**Description of the technology/equipment:** (Pls. describe the technology. You may include pictures or graphics.)

Developed batch digestion process allows conversion of straw, landscaping grass, grass silage and other dry, fibrous and lignin containing biomasses to biogas. During the project funded by Ministry of Environment first digester unit was built and batch digestion was demonstrated in full scale first time



in Finland.

