

Cleantech FUTURE EVENTS

INTELLIGENT IRRIGATION

Spring 2017
Hethel Engineering Centre

IMPROVING FARMING TECHNIQUES AND MACHINERY COULD SLASH RESOURCE DEMAND IN AN EVER GROWING SECTOR.

The agricultural sector is having to produce more food for more people on fewer resources than ever before. Water is vital but is becoming more scarce. Climate change is altering our earth systems impacting the hydrological cycles in ways that is making agriculture more difficult.

Many people and organisations are working on the issue of water availability. Innovation in the area is rife and in this discussion we will showcase the work being put into solving this pressing issue.

PIONEER	SPECIALITIES
HexCam	<ul style="list-style-type: none"> Remote monitoring Mechanical precision irrigation
Aponic	<ul style="list-style-type: none"> Water saving Innovative growing
Soil Moisture Sense	<ul style="list-style-type: none"> Soil monitoring Informed supply
Cranfield University	<ul style="list-style-type: none"> Research aspect Cutting edge research

ENVIRONMENTAL TECHNOLOGY

Summer 2017
UEA

ENVIRONMENTAL TECHNOLOGY CAN HELP US DEAL WITH THE NEGATIVE IMPACTS WE CAUSE, BUT WHAT ARE THE LATEST INNOVATIONS?

This event will explore what pioneering research is focused on within environmental technologies and how these can be transferred into industry. Through this event we will link the technology to the demand, helping to bring innovations to market which will tackle our growing negative environmental impact.

PIONEER	SPECIALITIES
UEA Researchers	<ul style="list-style-type: none"> Future trends Current research themes
Environmental Consultancies	<ul style="list-style-type: none"> Industry demand

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NEXT GENERATION GROWING

Autumn 2017
Centrum, NRP

WITH THE RISING POPULATION AND DIMINISHING RESOURCES, THE AGRICULTURAL SECTOR IS UNDER MORE PRESSURE THAN EVER.

There have been considerable advancements over recent years in regards to reducing pollution from agricultural practices.

In this session we will look at how we can reduce environmental impacts at the beginning, taking a proactive approach. By altering the way crops are grown, we can change the tactics and tackle demand at its source.

PIONEER

SPECIALITIES

Aponic	<ul style="list-style-type: none">• Hydroponics• Resource, time and nutrient demand
Growpod	<ul style="list-style-type: none">• Aeroponics• Resource, time and nutrient demand
Openplant	<ul style="list-style-type: none">• Synthetic Biology• Genetic modification• Demand reduction

FUTURISTIC TRANSPORT

Winter 2017
Hethel Engineering Centre

TRANSPORT IS RESPONSIBLE FOR 23% OF THE UK'S GREENHOUSE GAS EMISSIONS, BUT BEING IN A RURAL SETTING SUCH AS NORFOLK, GOOD TRANSPORT IS VITAL.

This event will explore how we can provide a sustainable and reliable transport system to rural locations allowing people to both move freely and reduce emissions. Connected, lightweight systems powered by alternative fuels can help underpin further growth within the region whilst tackling environmental challenges.

PIONEER

SPECIALITIES

Equipmake	<ul style="list-style-type: none">• Electric vehicles• Clean public transport
Zenos	<ul style="list-style-type: none">• Lightweight personal vehicles
Future Transport Systems	<ul style="list-style-type: none">• Electric vehicles• Grid integration• Infrastructure strategies