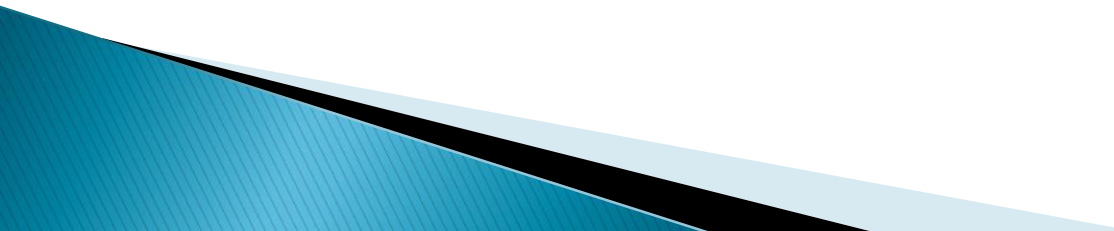


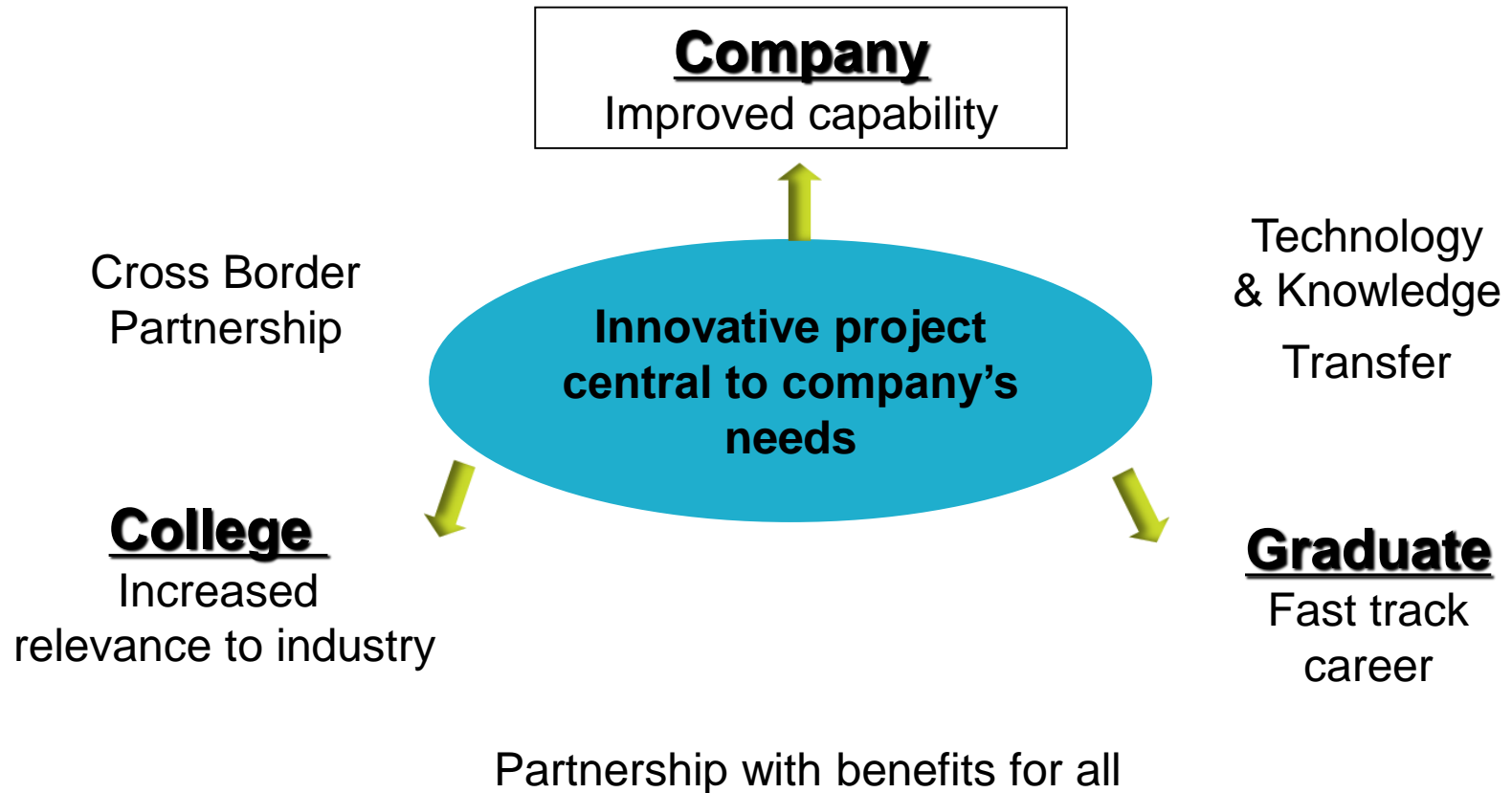
Our journey to a sustainable future

Kilmoon Cross Nurseries Ltd
PJ Mc Mahon

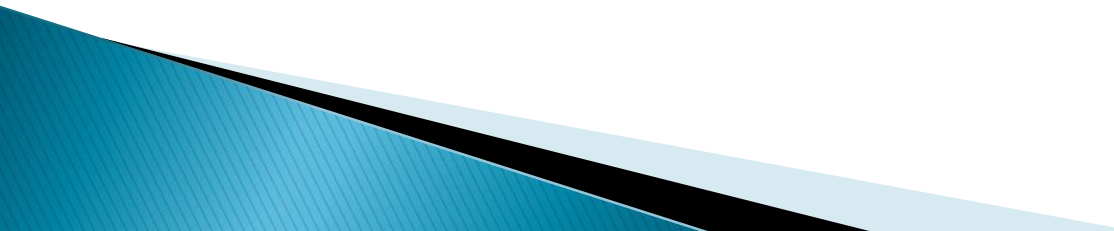
Intertrade Ireland Fusion Programme

- ▶ A company seeks the assistance of the FUSION Programme for research and development purposes.
 - ▶ The company is teamed with an academic (with the relevant expertise) from the opposite jurisdiction.
 - ▶ The company hires a graduate to carry out the 12 or 18 month project.
- 

FUSION



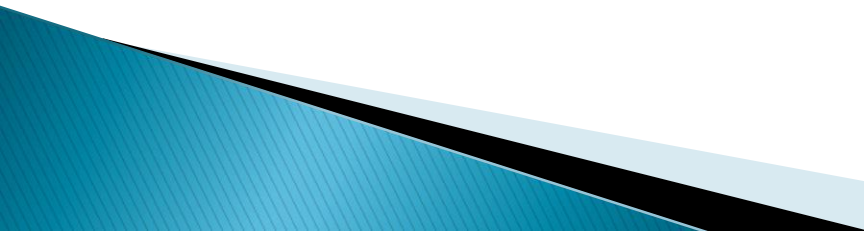
Fusion Benefits

- ▶ Support packages up to £44,250/€52,800.
 - ▶ 85% of graduates who complete a FUSION project are offered full-time employment within their company.
 - ▶ On average, each company taking part on the FUSION Programme benefits from over £1 million worth of sales or efficiency savings in the three years following the project
- 

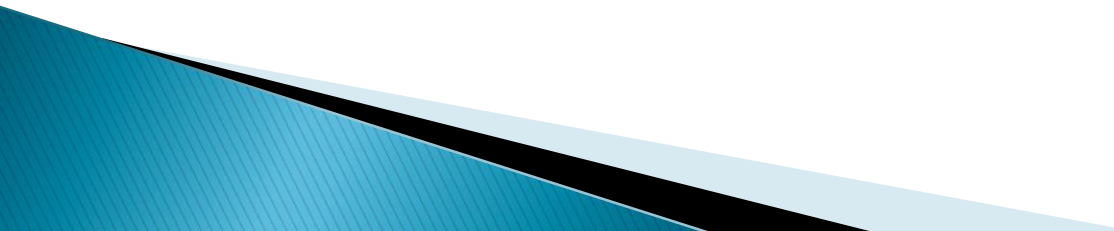
The Project

- ▶ To research Suitable Alternative Energy Sources and deliver cost savings in Energy Conservation e.g.
 - Wind
 - Solar
 - Geo Thermal
 - CHP
 - Biomass

The Project

- ▶ 12 Months– Exciting Adventure
 - ▶ Review Meeting every quarter with Kilmoon Management –report progress
 - ▶ Full Technical Support with Prof Yohanis University of Ulster included field trip to Holland
 - ▶ All Areas studies and Analysis completed
 - ▶ Full report given to Kilmoon which will be implemented (Confidential)
- 

Learning for me

- ▶ A significant number of savings made during project (quick hits) e.g. Programming Screen times correctly . Insulation, Vent seals
 - ▶ Completed CAD design course
 - ▶ Completed Diploma in Business in Smurfit Business School (Part of Fusion Programme)
- 

Installation of biomass system

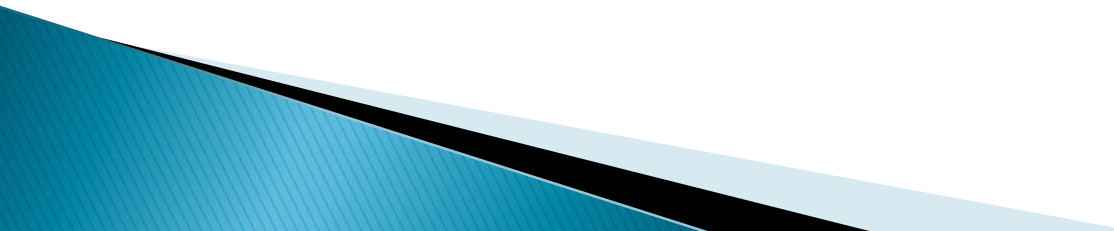
- ▶ Project planning commenced in March 2015
- ▶ Site prepared for Fuel storage, Water tanks and Boiler in Mid 2015
- ▶ System integrated with existing system in October 2015



Boiler efficiency and fuel choice

- ▶ First fuel trialled was woodchip
- ▶ Modified boiler for pellets
- ▶ Trialled various fuels ranging from wood pellets, soya hulls and sunflower pellets
- ▶ Purchased silo to increase fuel storage
- ▶ Installed Heat meter to record efficiency
- ▶ Planning to increase hot water storage to cope with demand

RHI Scheme

- ▶ Very important not to penalise a sector that has embraced renewable technologies.
 - ▶ A comprehensive certification programme and a regulator overseeing the scheme.
- 

Thank you for listening

A decorative graphic at the bottom of the slide consists of several overlapping, wavy shapes. The topmost shape is a light blue gradient. Below it is a solid black horizontal band. The bottom-most and largest shape is a dark blue gradient with a fine, diagonal hatched texture.