

RURAL INNOVATION-HYPE OR TRUTH?

KCP PERSPECTIVE by Wendy Pring CEng MICE

11TH OECD RURAL DEVELOPMENT CONFERENCE



FIRSTLY....WHO ARE WE AND WHO AM I?

**WE ARE THE UKS LEADING EXPERTS IN THE
PROVISION OF SPECIALIST MAINTENANCE
SERVICES FOR RENEWABLES/ INDUSTRIAL/
FOOD & DRINK/ FARMING SECTORS-historically
undertaken by companies not known to be as
diverse & inclusive- pioneer new ways!**



MY TIMELINE

1981 Started Secondary

1987 Started University

1991 Finished University

1991 Crouch Hogg Waterman Glasgow

1994 3C Waste Chester...FCC Environment (National Role)

1998 Chartered Civil Engineer(CEng MICE)

2002 Moved Back to Scotland

2003 Started KCP



KEY SECTORS

- ✓ RENEWABLE- AD PLANTS
- ✓ DECOMMISSIONING WORKS
- ✓ TREATMENT PLANTS
- ✓ NATIONAL GRID FACILITY MANAGEMENT

WHAT WE NEED TO HAVE

- ✓ INNOVATION
- ✓ DIVERSITY OF THOUGHT
- ✓ MULTI SECTOR-HIGH HAZARD INDUSTRIES
- ✓ PARTNERSHIPS
- ✓ UNDERTAKING FEASIBILITY WITH UWS TO DEVELOP PATENT



1. How are the skills demanded by industries in the rural areas changing?

2. What are the barriers to education in rural areas?



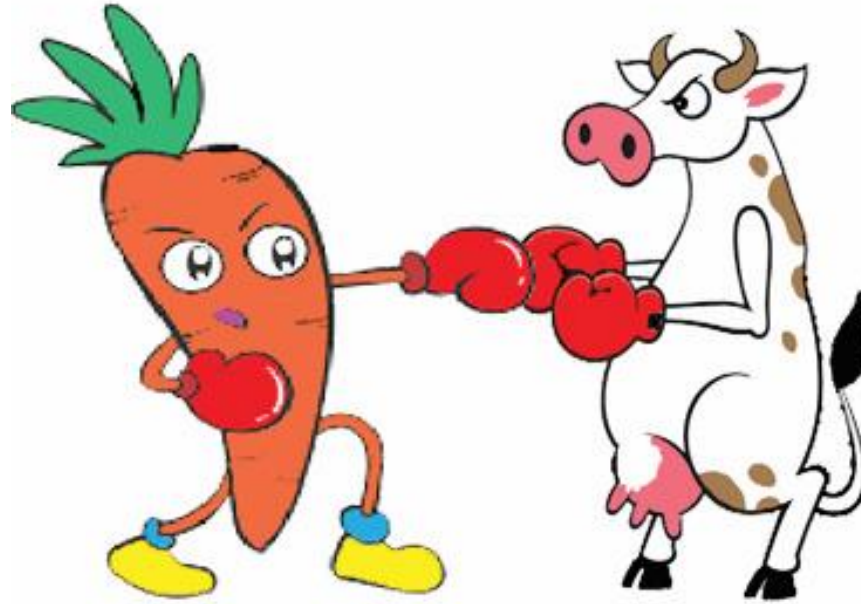
FIRSTLY WHAT ARE THE CHALLENGES?

- **ENERGY PRODUCTION?**
- **FOOD SECURITY?**
- **SOIL ENHANCEMENT?**
- **DIETARY CHANGES-VEGAN VS MEAT EATER?**
- **TOURISM DIVERSIFICATION?**
- **LOGISTICS/INFRASTRUCTURE?**
- **CLIMATE CHANGE?**
- **WATER SCARCITY?**
- **HEALTH AND SAFETY?**
- **BROADBAND?**
- **BREXIT?**



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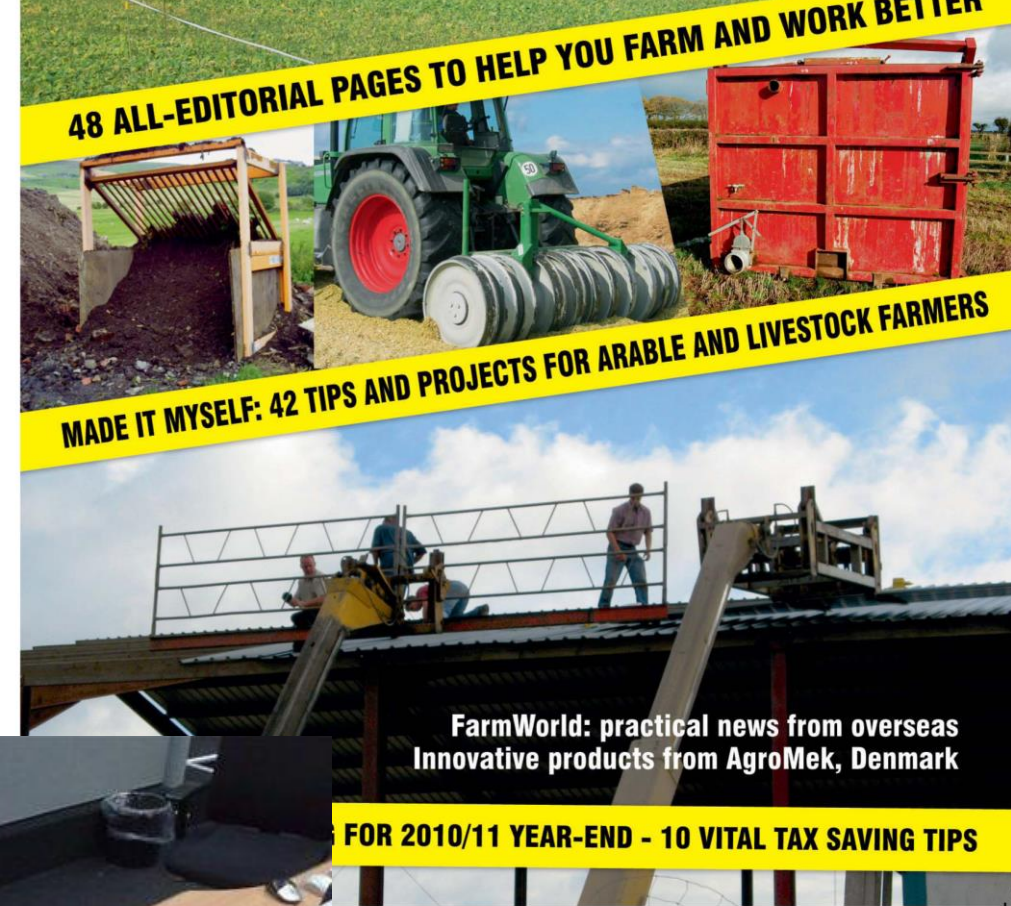
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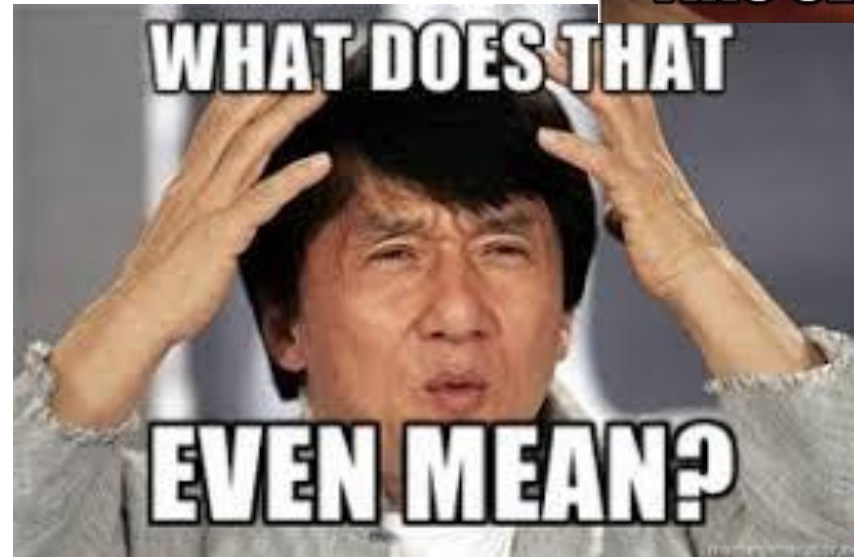
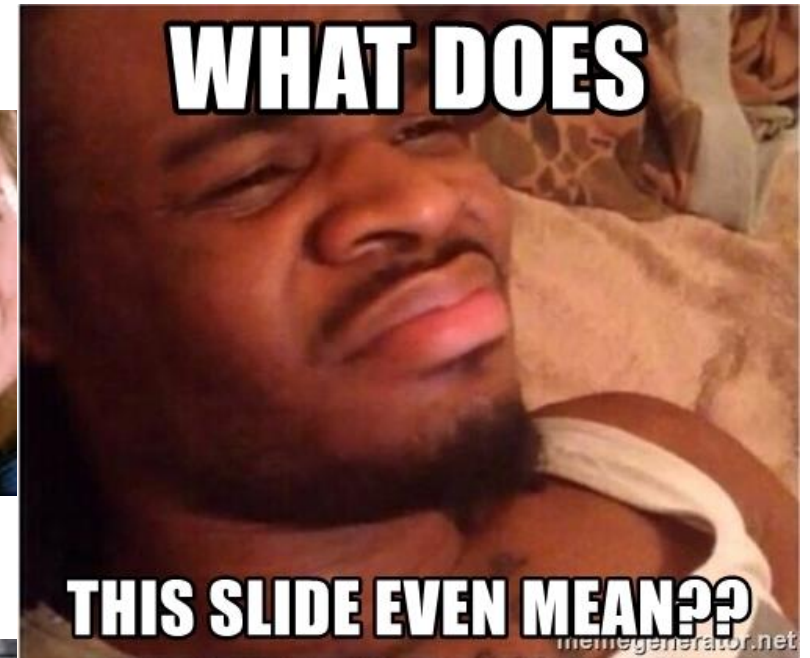
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• SOLUTIONS...there are lots but many are new ways of thinking?

- 600 TO 10000 AD BY 2050!
- CO-MINGLING OF WASTE STREAMS-Caerphilly AD?
- DISTRICT HEATING SCHEMES?
- PROTEIN REQUIREMENTS...MAKING CUPCAKES FROM CRICKET FLOUR?
- COLLABORATION ?
- SHARED WORKING SPACES?
- TRANSPARENT DISCUSSIONS?
- CROSS SECTOR KNOWLEDGE TRANSFER
- CREATE OUR OWN MARKETS
- USE OUR LAND SPACE AND CREATIVITY AND IDENTIFY HOW WE CAN BE THE SOLUTIONS-NEW FUNCTIONALITY?



The 2030 Agenda for Sustainable Development



- AND EDUCATIONALISTS OR POLICY MAKERS...MAKE YOUR OWN CHANGES TO HELP US MEET THE DEMANDS!



BUT WILL ALL REQUIRE...

COLLABORATION

CROSS SECTOR KNOWLEDGE TRANSFER

PARTNERSHIPS

INNOVATION

DIVERSITY- SUSTAINABLE/STORY TELLING

COMPETE AND COMPLIMENT

LOCAL POLICY CHANGES...COLLABORATIVE

-one size will not fit all



IN OTHER WORDS...

- SOCIAL SKILLS
- INTERPERSONNEL SKILLS
- COMMUNICATION SKILLS
- NEGOTIATING SKILLS
- SOCIO ECONOMICS
- Etc etc etc.....

That's what I think is lacking and too much red tape in our traditional exam structures



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