# **Llanfyllin Transition Project**

# **Big Change is Coming!**



We have been successful in our bid for funding to support Llanfyllin High School and community in a 3 year project to place Powys on the map as the frontline for innovation in the face of climate change.

The transition to a low carbon economy will require a significant change in outlook and behaviour, and this project seeks to work with Llanfyllin High School and community, as well as our wider network of thoughtful and conscious partners, to achieve a community-led transition.

We will be holding public meetings, workshops and thinktanks, as well as recording interviews, sharing information and collecting ideas, hopes and aspirations from across the community.

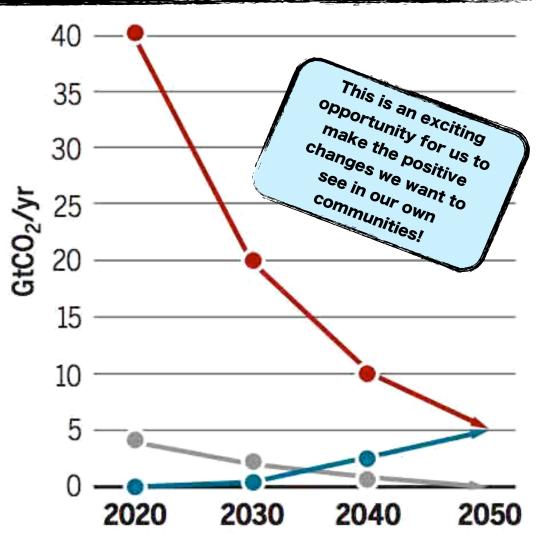
In addition to exploring cutting-edge climate science, we will be looking at the best community led responses to this unfolding challenge.

We need the whole community to get involved!



To find out more about the Llanfyllin Transition
Project and ways that you can get involved, visit:

www.llanfyllin.sector39.co.uk



#### Are we ready to face the challenge?



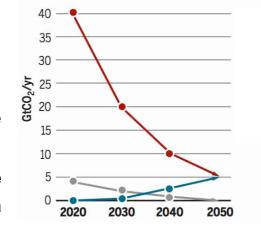




#### The Paris Accord

- \* 195 nations signed the Paris Accord.
- \* If we follow the path it sets out, the planet gets a 66% chance of avoiding runaway climate change.
- \*The accord says we have to halve our emissions in the next ten years...
- \*Then halve them again, and then again in the following two decades.
- \* It also says we need to find really creative ways to take

carbon from the air and put it back into the ground.



Global carbon law guiding decadal pathways

- Global CO<sub>2</sub> emissions
- CO<sub>2</sub> removal (GtCO<sub>2</sub>/yr)
- CO<sub>2</sub> emissions from land use (GtCO<sub>2</sub>/yr)

#### The core idea is this:

Every region, city, state and nation needs to work on its own carbon reduction plan.

We have until 2020 to develop these ideas and be ready to implement them.

We want your help to come up with a plan for our local area!

### What we need to do?

Between 2020 and 2030 we are required to halve our CO2 emissions. Then we need to do exactly that again the following decade and then again.

By 2050 our emissions need to be close to zero and not only that, but farming (one of the most significant



sources of greenhouse gasses), needs to move from being a big emitter to a net carbon sink. Yes, we have to transform agriculture into a carbon sequestering process, one that also protects biodiversity and feeds a rising population.

It is a huge challenge and one that will override all our other concerns and objectives as the seriousness of the encroaching climate crisis bites ever deeper.

# An opportunity for change



Achieving our Paris commitments has the potential to rejuvenate our economy, creating numerous opportunities for coming generations in a way that will re-vitalise our communities at the same time. Facing up to this requires a complete transformation of food, energy, farming, transport, housing and

economy. The era of economic growth at all costs, and throw-away consumerism, is already over. The evidence is all around us, solving climate and biodiversity challenges will require new economic models and new thinking creating a whole raft of opportunities.