

Creatively green

*Interesting ideas and technological solutions that might inspire
and encourage new thinking*

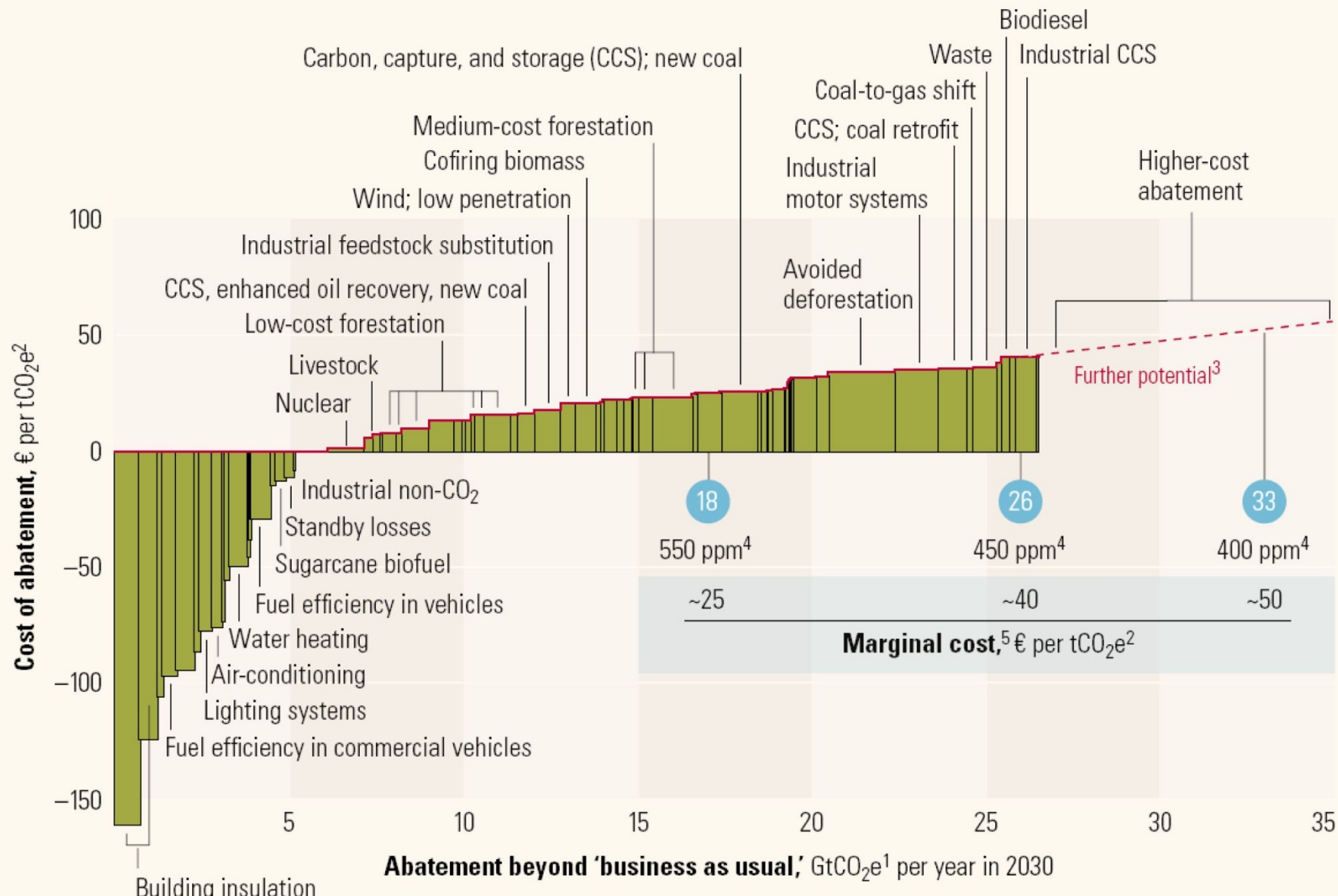
A quick google search

Green	3,800,000,000
Climate change	130,000,000
Green technology	69,700,000
Environmental design	32,500,000
Sustainable design	19,000,000
ES building design	53,800,000
ESD	1,680,000
@ 1 minute per page	3.196 years

What might it cost?

Global cost curve for greenhouse-gas abatement measures beyond 'business as usual'; greenhouse gases measured in GtCO₂e¹

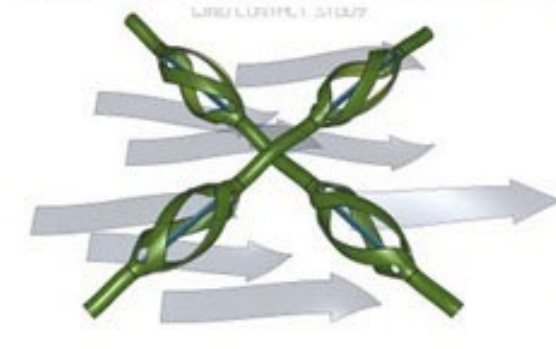
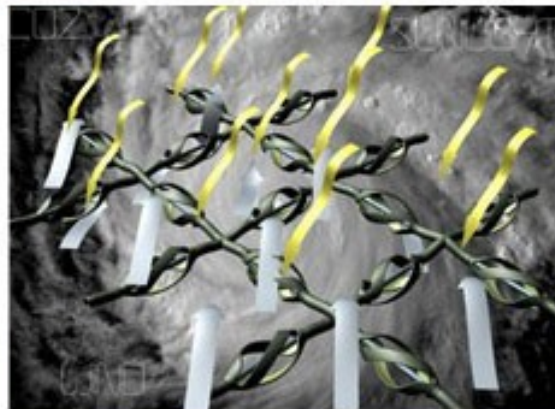
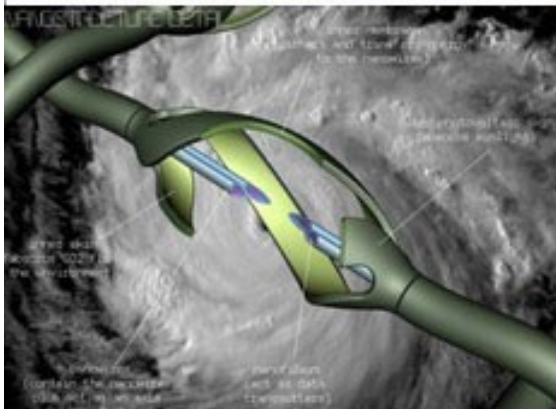
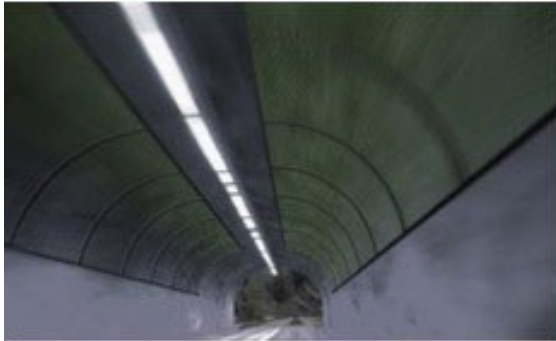
● Approximate abatement required beyond 'business as usual,' 2030





Solar power options







“Pixel” is Grocon’s 6 star “greenstar” rated building concept to see how far the idea could be taken.

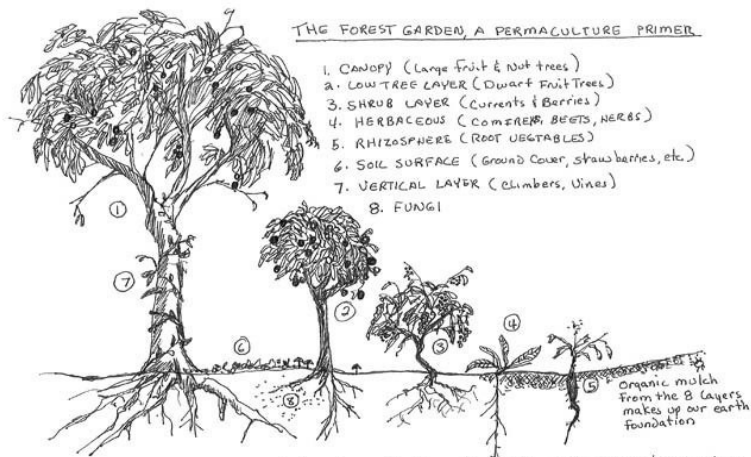


Replas recycles cellulose waste (wood fibre) and plastic to make a new material that can be used for external use, does not require painting and is UV stable.

Transition towns



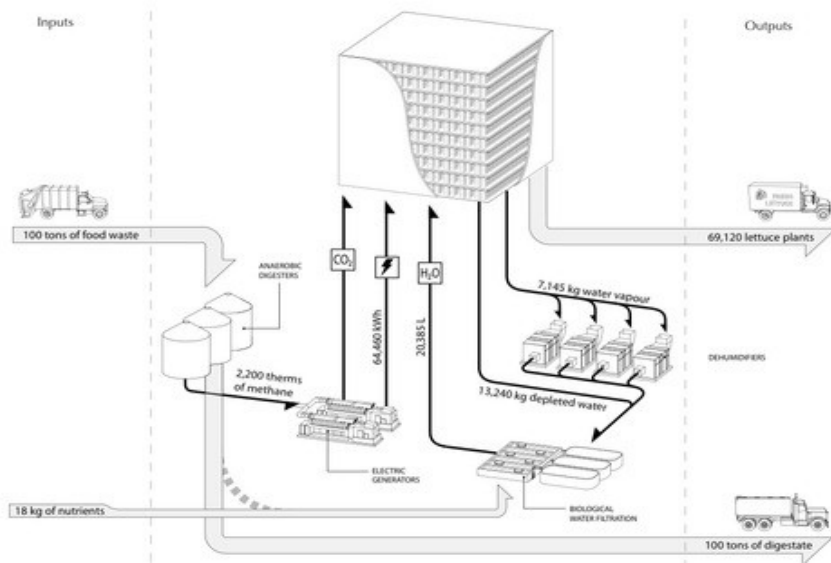
- Things Transition Towns do:
- Organise working bees to set up food gardens
- Car pool
- School walking buses
- Start food co-ops
- Seed save
- Care for neighbours
- Hold street parties
- Welcome people to the neighbourhood
- Plant food trees on public land
- Set up community compost centres
- Community supported agriculture
- Rain water tank bulk buys
- Solar and wind energy bulk buys
- Electric bike bulk buys
- Dried organic food bulk buys
- Publish 'buy local' guides
- Run soil workshops
- Set up Transition sections in public libraries



Permaculture looks at a whole system, seeks connections between key elements in nature, observes how the parts relate, mends sick systems by applying knowledge from long-term, sustainable working systems in nature. It is a broad-based, holistic approach to earth-care and food production. A permaculture yard brings together all elements for a natural garden and yardscape.

- *“We truly don’t know if this will work. Transition is a social experiment on a massive scale. What we are convinced of is this: if we wait for the governments, it’ll be too little, too late; if we act as individuals, it’ll be too little; but if we act as communities, it might just be enough, just in time.”*

Vertical city farming



CAPITAL BUDGET

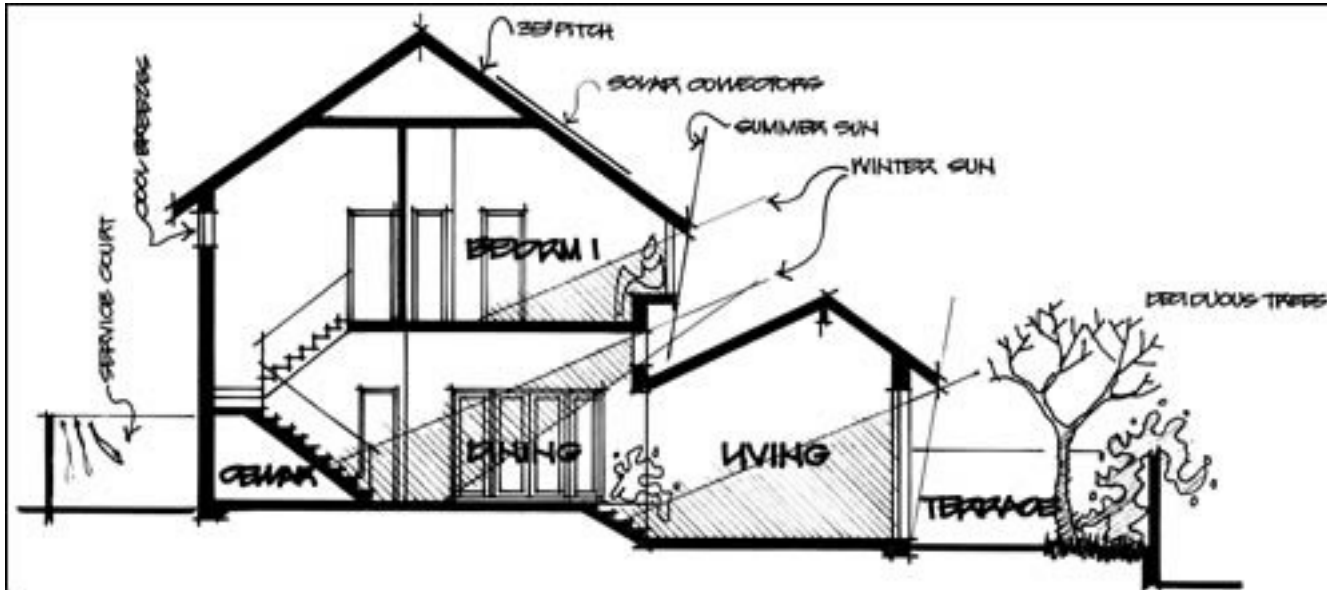
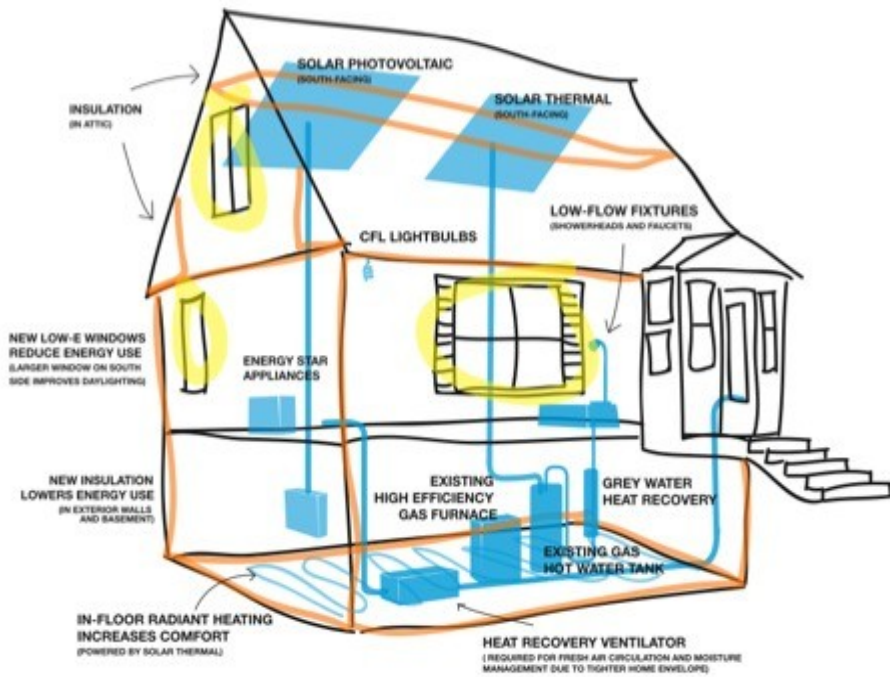
Building Construction	\$36,162,000
Land Acquisition	\$597,272
Geothermal System	\$1,200,000
Air Handling Unit	\$100,000
Dehumidifiers	\$240,000
Living Machine*	\$400,000
Growth Chambers	\$30,000
Anaerobic Digester System	\$10,000,000
Jenbacher Gas Engines	\$4,078,750
Water Pumps	\$7,500
Hydroponic System	\$38,400,000
Working Capital	\$9,121,552
Contingency Allowance	\$9,121,552
TOTAL	\$109,458,626



Big Belly solar powered urban waste system monitors and compacts the contents of public waste bins and advises city councils when to collect, thus saving huge transport charges.

Stop thinking of things as waste. Start thinking of them as if they were a new resource





No-one
wants to live
in a house
that looks
like Darth
Vader's
fridge

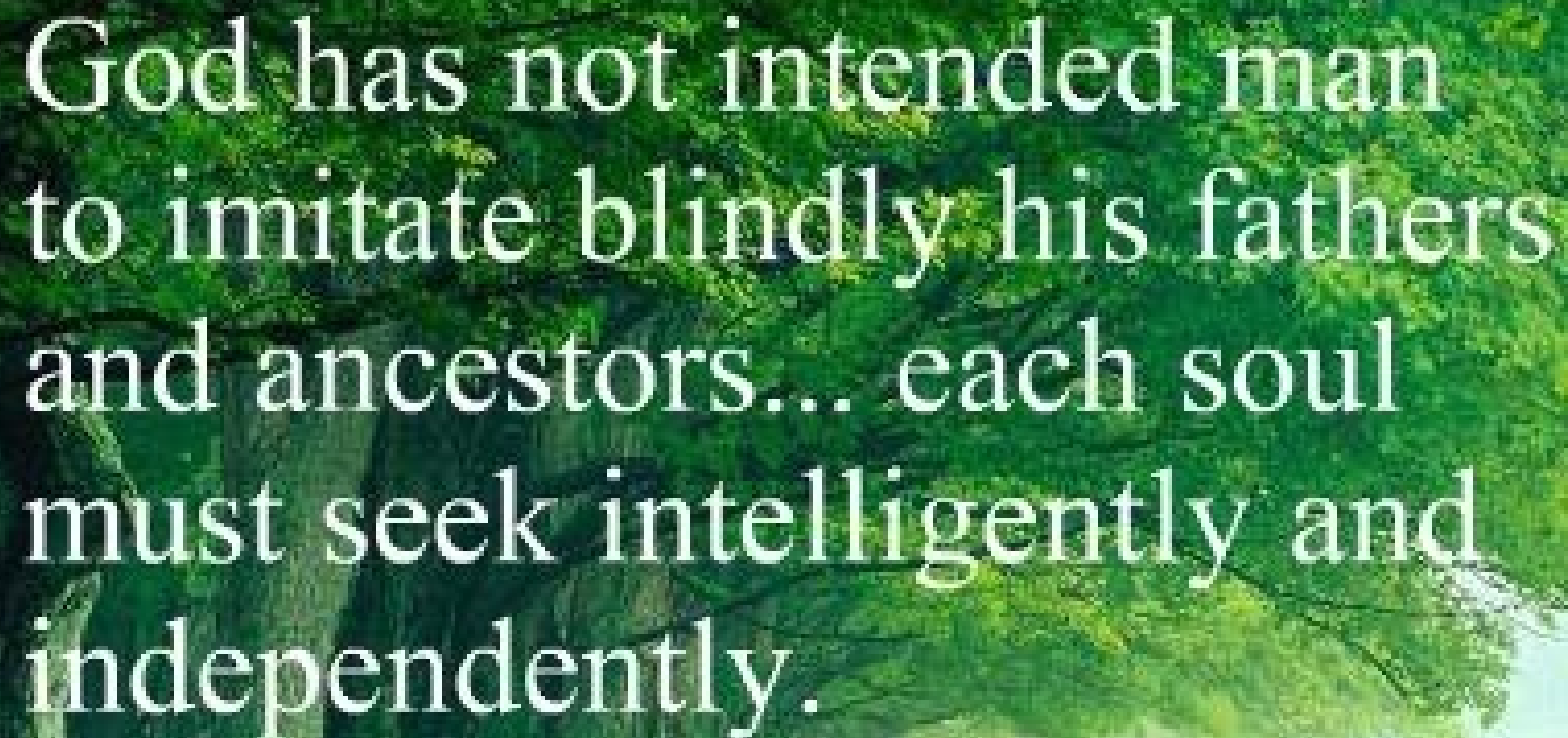


Don't bury your head in the sand, take responsibility and action



William Yuan is a 13yo schoolboy who, through the encouragement of science education in his school, invented a new type of photovoltaic panel, earning a \$25,000 prize and the chance to develop this commercially.



A painting of a long, straight path lined with tall, leafy trees leading to a bright horizon. The path is a light, dusty color, and the trees are a vibrant green. The sky is a pale, hazy blue. The overall mood is peaceful and hopeful.

God has not intended man
to imitate blindly his fathers
and ancestors... each soul
must seek intelligently and
independently.

Abdu'l-Baha