



One Planet Living ideas for community-led housing at Kings Tamerton

**Gathered at 'Building better homes for people & planet' event
hosted by Plymouth Energy Community
on Wednesday 13th February 2019**

Have pride in where we live and enjoy it

Community watch – safety and security

Chat bench

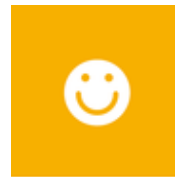
Support and sharing of local opportunities (notice board – physical and electronic)

Workshops and education for health & wellbeing

Well-being champions (workshops)

Time bank and utilising people's skills

Raising awareness of actions for positive change



Street furniture with well-being tips

Smart homes & automation

Health & happiness

'Pitch in parties'/working bees, to paint/do garden etc.

Public spaces for young and elderly

Encouraging active, social, meaningful lives to promote good health and wellbeing

Outdoor space, trees

Group walks & exercise

Developing a safe environment for all

Community space (inside & outside)

Housing design that encourages community interaction

Community social events and caring for everyone

Encouraging wildlife (& pets – doggy daycare/chickens)

Communal growing of healthy food

Local professionals

Local materials

Training & collaboration



Community shares

Equity & local economy

Apprenticeships

Creating safe, equitable places to live and work which support local prosperity and international fair trade

Skill sharing

Schools & colleges/university

Tenant management

Compassionate
architecture

Design should
encourage connections

Cars on
outskirts

Gathering: events, singing
(choir), fun days

Homely hub
(warm &
comfy)

Invite in other
organisations

Childcare
(intergenerational)



Street names that
reflect ethos

Relate history
of the place

Culture & community

Nurturing local identity and heritage,
empowering communities and promoting a
culture of sustainable living

Shared space

Regular hand me
down/sharing events

Playgrounds

Join up community in
Plymouth

Storytelling

Food/pub

Kids club

Community website &
noticeboard (for everyone)

Youth groups

Gathering spaces to
bring others in

**Fruit trees
& veg plots**

**Communal
composting**

Frogs & newts

**Bird tables &
hedgehog huts**

**Hedgehog
crossings/housings**

**Teaching skills and
knowledge of
nature**



Pigs/chickens

Insect hotels

Bird boxes

Land & nature

**Protecting and restoring land for
the benefit of people and wildlife**

**Permeable
driveways/paving**

**Free-flowing
nature**

Community garden

'Bat' tiles

Nature reserve

**Accessibility,
creating paths but
do not disturb**

Womeries

**Saturday forest school
/kindergarten /toddler clubs
run by the community**

Ensure house has water efficiency

Get Southwest water involved at design

Design pipes small & hot water need close to boiler/heat source to reduce water going

Compost loos – or use waste to feed plants



Prevent food waste and fat going down drain

Filtered water (charcoal filter)

Sustainable water

Water saving taps/devices

Reed beds for sewage treatment

Using water efficiently, protecting local water resources and reducing flooding and drought

Water butts

Water capture

Grey water recycling

Rainwater collection

Permeable surfacing (grasscrete)

Landscaping/ planting

Biodiversity

Outdoor taps using rainwater

Drainage systems (swale)

**Pass on stilled
process**

**Public edible food
(Incredible Edible)**

Compost

(Cider) orchards

**Smaller or no
private gardens but
larger communal
space**



Community gardens

Local & sustainable food

**Pigs to eat food
waste**

**Surplus food
sold/homeless
shelter**

**Promoting sustainable humane
farming and healthy diets high in
local, seasonal organic food and
vegetable protein**

Allotments

Communal area

**Community
composting &
wormeries**

Hydroponic systems

Cycle storage

Car share/last mile

**Cycle network &
walking**

**Parking by house
or not?**

Recycling centre

**Electric
bikes/mopeds
/cargo bikes**



**Home office
potential**

Electric cars

Travel & transport

Good bus links

**Reducing the need to travel,
encouraging walking, cycling
and low carbon transport**

**Ultra-fast wifi
(site wide?)**

Car club

**Community creche
/hub/shop**

**Buying group
/delivery hub**

**Charging
infrastructure**

**Community
workspace**

**Vehicle to grid
technology**

**In home
display/app
showing bus/car
share**

Compost loos

Recycled materials

**Upgradability/
modularity**



Long durability

Materials & products

**Using materials from sustainable sources
and promoting products which help people
reduce consumption**

**Locally sourced/
supply chains**

Pooling resources

Recyclable

**Low/zero/negative
carbon**

**Circular economy
(permaculture principle)**

Natural materials

Community washing machines

Community fridge/pantry

Car charging

Sort waste

Allotment fruit trees

Compost food waste on site

Design site to prevent water run off

Passivhaus

Library of things, repair café

Separate waste

Swales trees

Choose materials that can be separated and re-used (eg. Wood, -pulp, cob, straw bale, re-used plastic (moulded))

All scraps & small bits can be upcycled

Car charging



Planning criteria, to minimise waste

Even small bits can be upcycled

Zero waste

Air management systems

Plant trees

Reducing consumption, reusing and recycling to achieve zero waste and zero pollution

Re-use water

Consider energy used by transport & to create materials

Training

Challenge concept of ownership

Composting toilets

Manufacture off-site

Ground source heat pumps

Sustainable urban drainage

Build houses from recycled materials (planning, regulations, insurance, funding)

Design homes to be flexible to fit into different lifestyle needs/ages

Community heating

**Microgrid/
community grid**

Future proof designs

Terraced housing



**Location – choice of site,
minimise travel**

Zero carbon energy

**Incentives for
efficient behaviours**

**Making buildings and manufacturing energy efficient
and supplying all energy with renewables**

**Need for education
(occupant behaviour)**

**Solar panels on all roofs
with storage**

**Offset carbon by
planting trees**