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Your data, your way

A Community Interest Company
Whose social purpose is empowering people

Personal Data Stores: empowering the most vulnerable in society

Increasing speed and reducing cost of transactions;
Accelerating benefits realisation of policy;
Enhancing the economy

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In the next 15 minutes we will explain the impact of personal data stores…….

- What they are and *what they are not*
- How they fit into the world today
- How having one empowers any individual
- What they mean to:-
  - Individuals
  - Organisations
  - Government
  - Society as a whole

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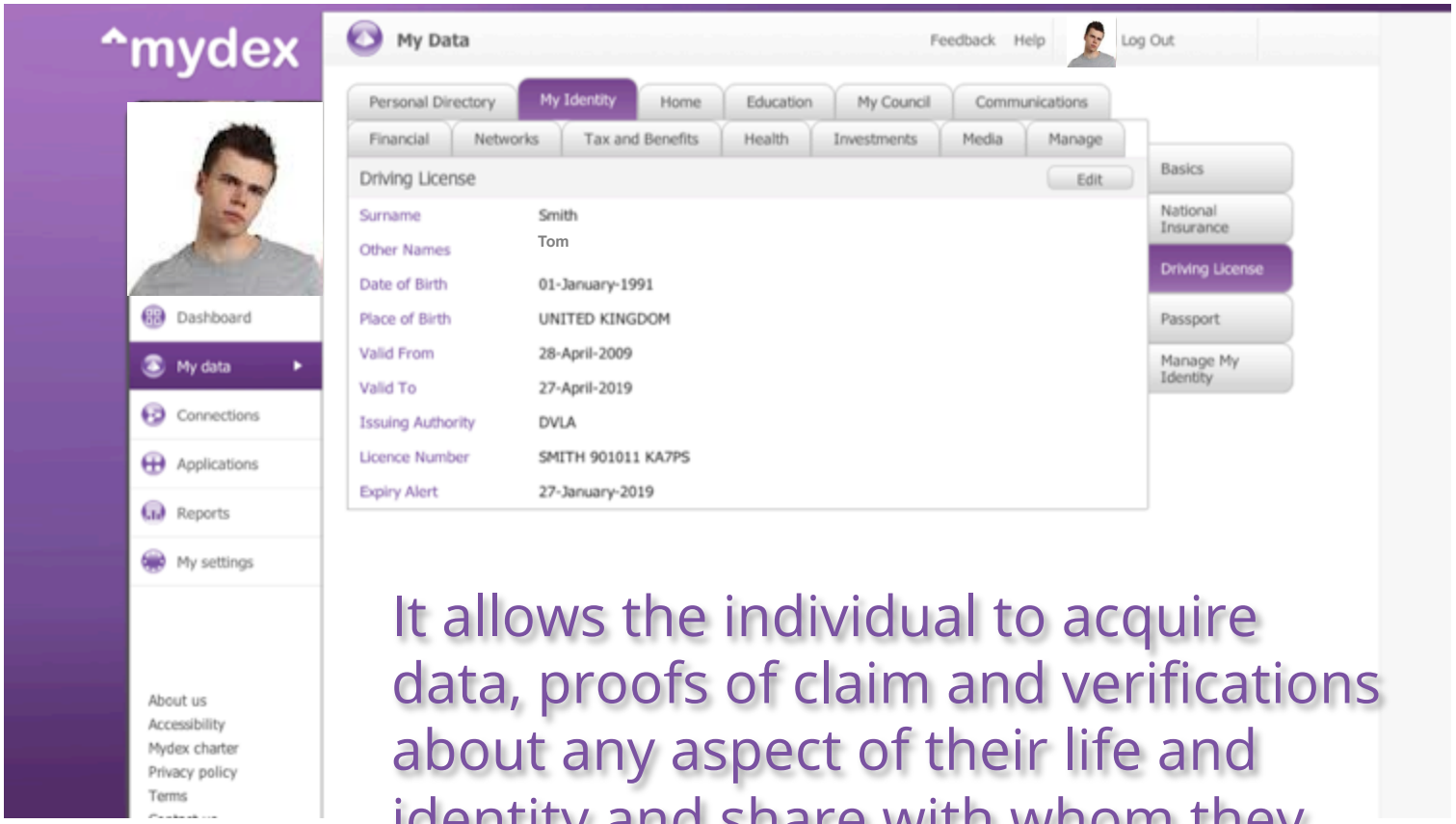
A personal data store is a stand alone encrypted storage area controlled by the individual

It stores any aspect of an individuals life and can be organised how they wish



It allows the individual to acquire data, proofs of claim and verifications about any aspect of their life and identity and share with whom they wish in a trusted and secure manner

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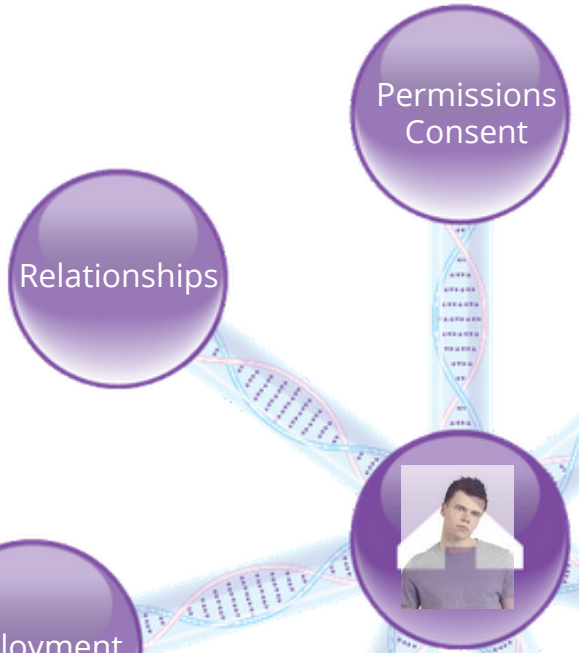
There are many dimensions to any individuals life which can be stored, curated and shared under their control -



Permissions Consent

Health / Social Care Records
Transactions
Evidence / Proofs of Claim
Relationships
Power of Attorney

Relationships

Carer
Parent
Social Worker
Child
Partner
Address Book

Credentials Management

Identity
Status / Rights
Evidence / Proofs of Claims
Usernames / Passwords

Employment Education

Employers
Schemes Attendance
Work Experience
Job Searches
Education

Transaction Activity

Energy Consumption
Financial Activity
Call History
Browsing History

Contracts

Universal Credits
Energy Tariff
Tenancy Agreement
Mobile Phone

Social Stream

Views / opinions
Likes / dislikes
Informal Relationships / Connections
Interests

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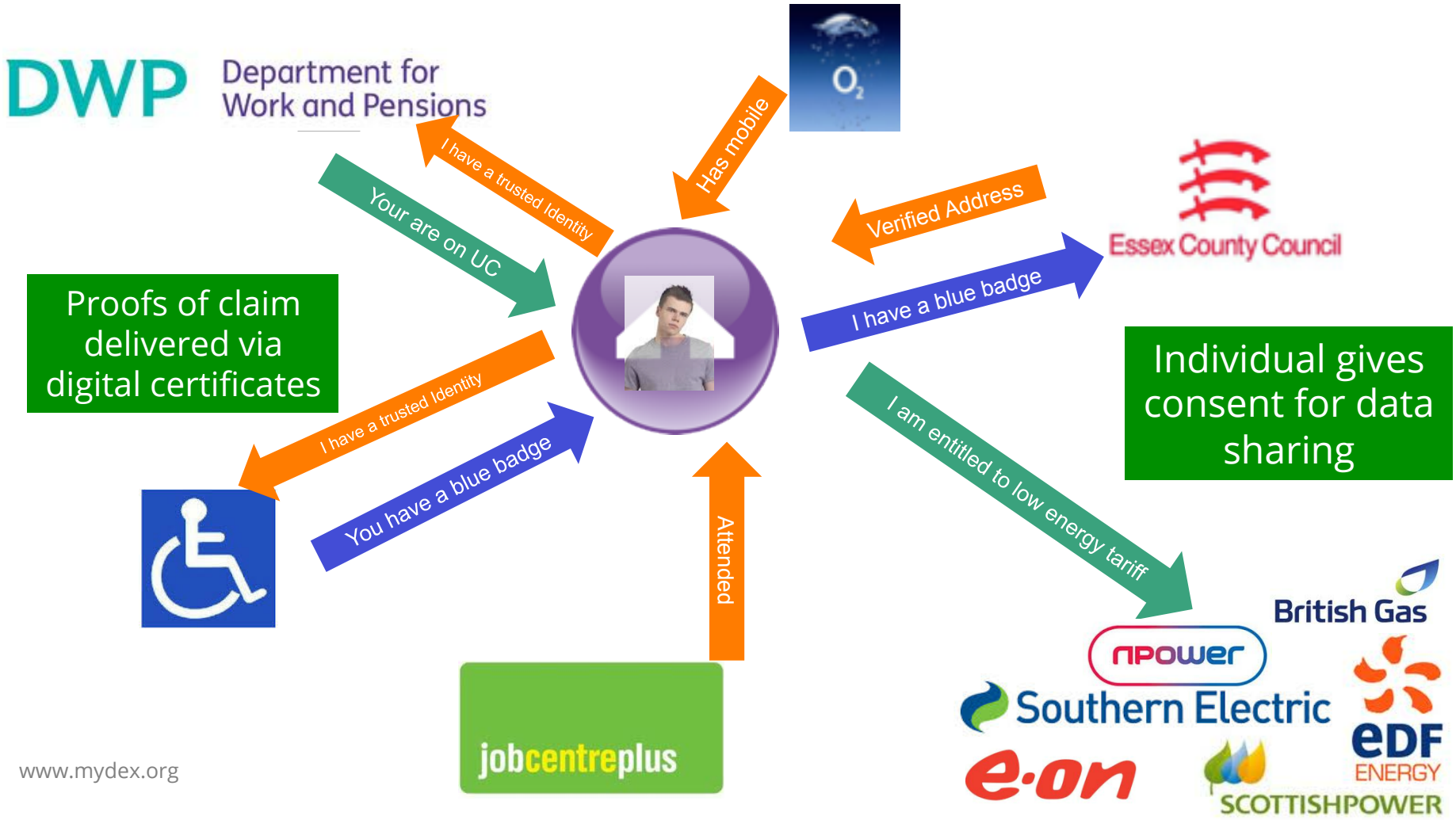
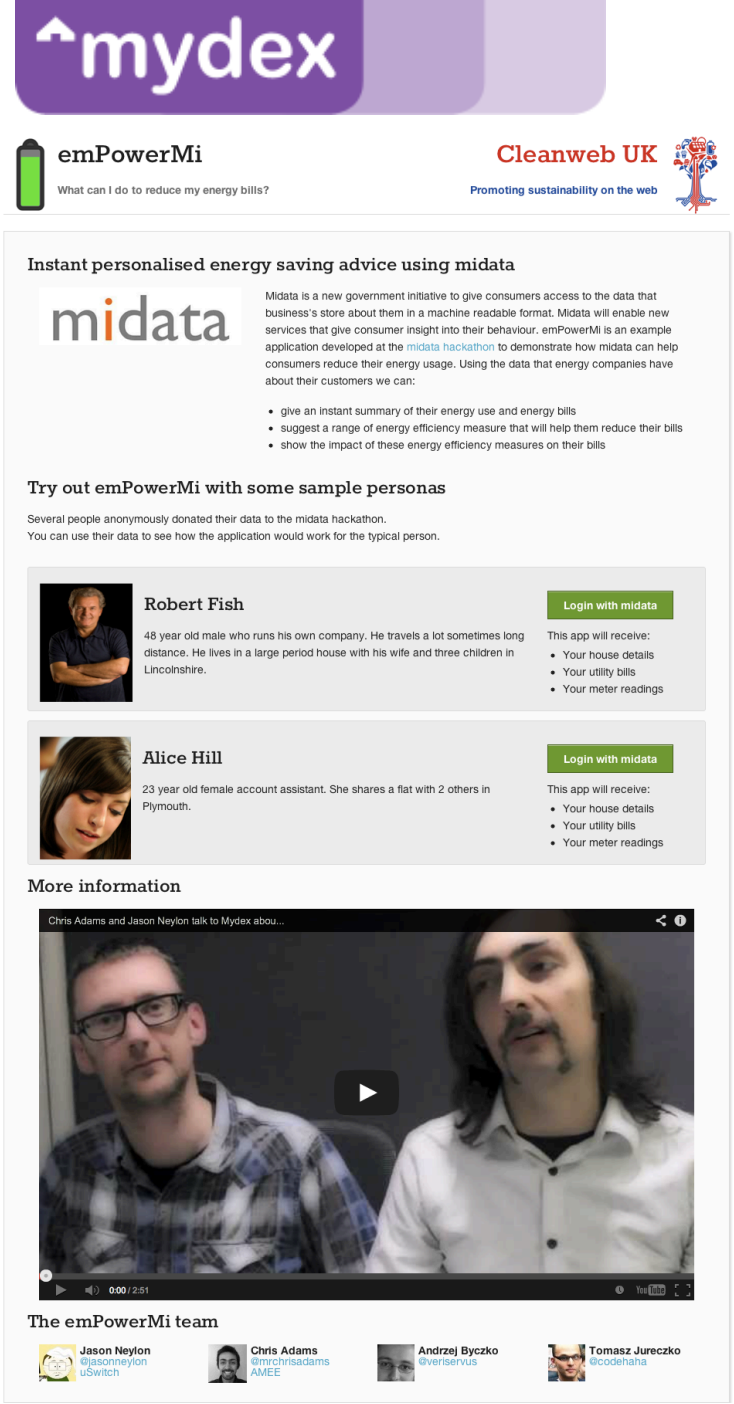
A PDS can receive and send data seamlessly – removes cost and delay of printing, post, calls, and face to face transactions





2 Days make a difference

EmPowerMi from Cleanweb UK

- gives an instant summary of an individuals energy use and energy bills
- suggests a range of energy efficiency measure that will help them reduce their bills
- show the impact of these energy efficiency measures on their bills

Data from Individuals PDS

- Energy Consumption and Costs
- Geographical Location
- Home Type
- Financial Status

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What can I do to reduce my energy bills?

Cleanweb UK

Promoting sustainability on the web

Midata energy saving recommendations for Robert Fish

Last year your energy bills were £1254.42

Projected yearly savings on your energy bills £0.0

Based on your area (DN216BY) and property type (House) we recommend the following energy saving measures.

Tick the box to see what impact each measure can have on your bills:

☐ **Solar PV panels**

How it works: Put solar panels on your roof and generate electricity from the sun

Help available: You can pay for your panels and make a 5-10% return with earning from the Feed-in Tariff

☐ **Loft insulation**

How it works: Insulate your loft to stop losing heat

Help available: There are many free insulation schemes now available from energy companies.

☐ **Ground source heat pump**

How it works: Heat your home with energy from the ground.

Help available: Funding available next year via the Renewable Heat Incentive.

☐ **New boiler**

How it works: If you have a old inefficient boiler, a new boiler can give you big savings.

Help available: You can take out a Green Deal loan against your energy bill

I want these

Open Source Data on energy saving schemes

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Midata energy saving recommendations for Alice Hill

Last year your energy bills were £404

Projected yearly savings on your energy bills £0.0

Based on your area (PL325XP) and property type (Flat) we recommend the following energy saving measures.

Tick the box to see what impact each measure can have on your bills:

☐ **Energy monitor**

How it works: An energy monitor can show you which applicances are using the most electricity. Studies have shown they can reduce your electricity use by 10%.

Help available: Many councils and energy companies offer free energy monitors.

☐ **Standby saver**

How it works: A Standby saver turns off your gadgets automatically and helps reduce your usage

Help available: Many councils and energy companies offer free Standby saver.

☐ **LED bulbs**

How it works: If you have halogen downlights replacing them with more efficent LEDs can give you big savings.

Help available: You can take out a Green Deal loan against your energy bill

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Actionable Advice

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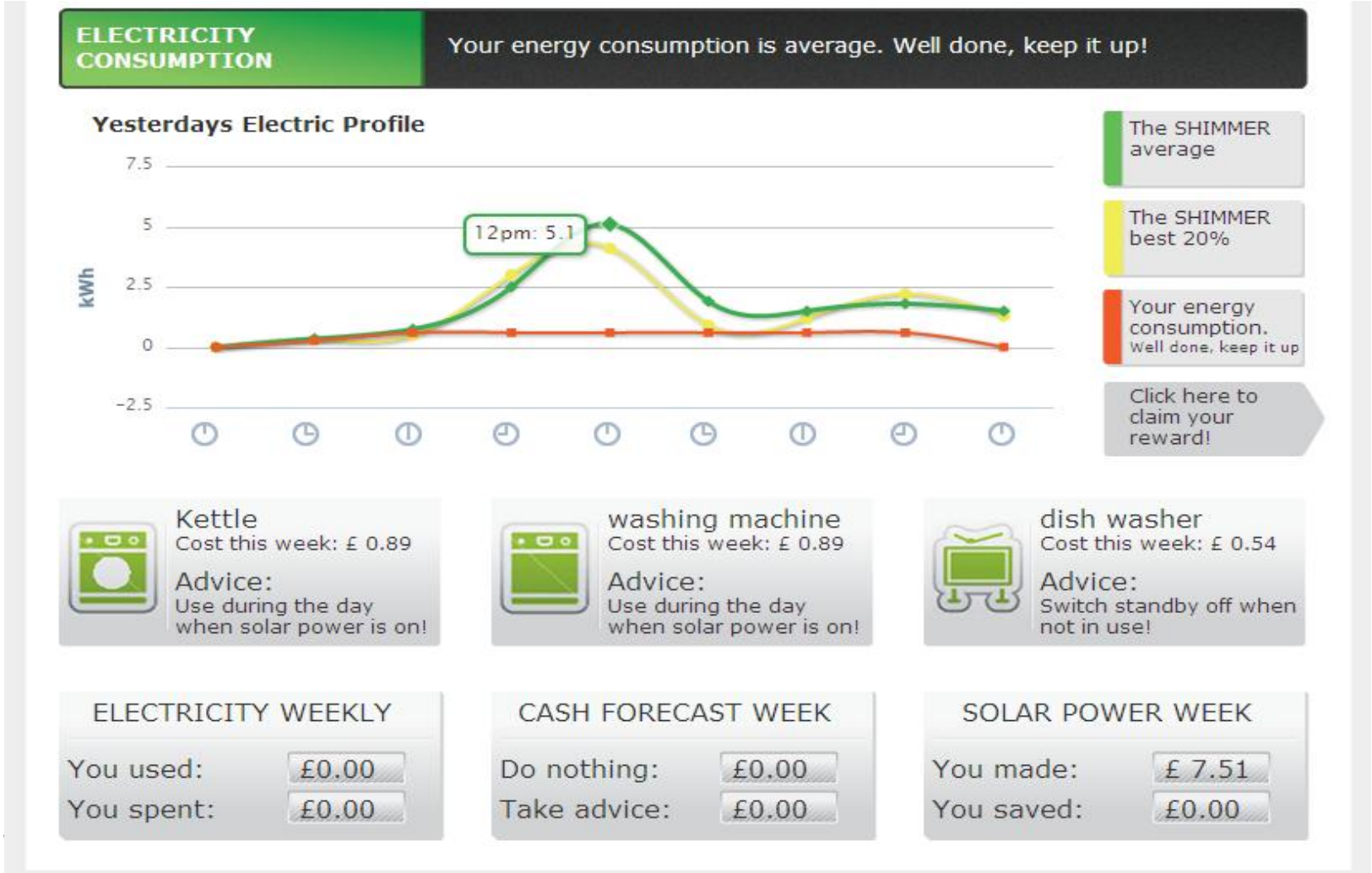
London rebuilding society

SHIMMER represents the next step in energy conservation



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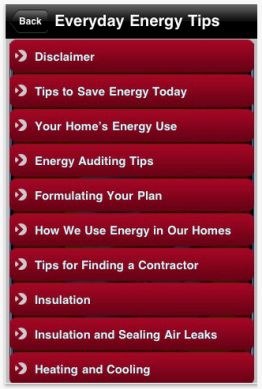
Energy Sector opportunities significant

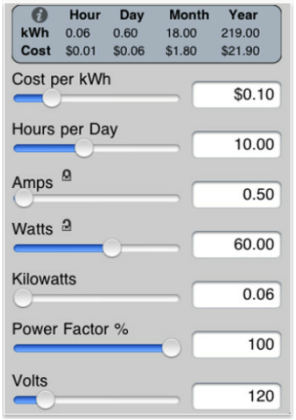
- Rapid new customer on boarding
- Matching personal circumstances against potential offers
- Low cost means of implementing energy tariff scheme for people on benefits / Universal Credits
- Access to richer data enables more proactive analysis, insight, planning and incentivising behaviour change

A PDS empowers any individual by bringing the data together and enabling it to be used

- Convenience and ease of use
  - Easy access to data, information and services
  - Little or no data entry
  - By product of daily living
  - Simplify administration
  - Seamless access to services



- Apps and Tools that
  - Save them time
  - Provide Insight and understanding
  - Keep them safe
  - Help change behaviours



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Simple Economics of a personal data store

- 4p a year vs. 40p a letter
- 45% to 76% reduction in transaction costs
- Reduced fraud and error
- Protects most vulnerable in society
- Faster implementation of policy changes
- Full compliance with Data Protection Act
- Digital by default becomes a reality for all

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There is a lot of advice available, but it needs an easy to implement solution to realise the benefits

DEPARTMENT OF ENERGY & CLIMATE CHANGE

ofgem

energy saving trust

Consumer Focus
Campaigning for a fair deal

OFT

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The Pension Service

London rebuilding society

ofgem E-Serve Promoting choice and value
for all gas and electricity customers