



GOOD PRACTICE NAME

*Online Discussion: Awareness Raising and Behavioural Change
for Energy Efficiency in Buildings
5 December 2018*

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REBUS Good Practice
Durham County Council



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The REBUS project involves the development of interregional exchange and learning and seeks to improve the capacity of local authorities to:-

- Undertake energy efficiency retro-fit works to public buildings
- Raise awareness and build skills on energy related issues.
- Collect feedback on energy efficiency needs in the public building stock
- **Manage buildings more efficiently after renovation**



School Carbon Reduction Programme Called ECO₂ Smart Schools (from Sept 2018)

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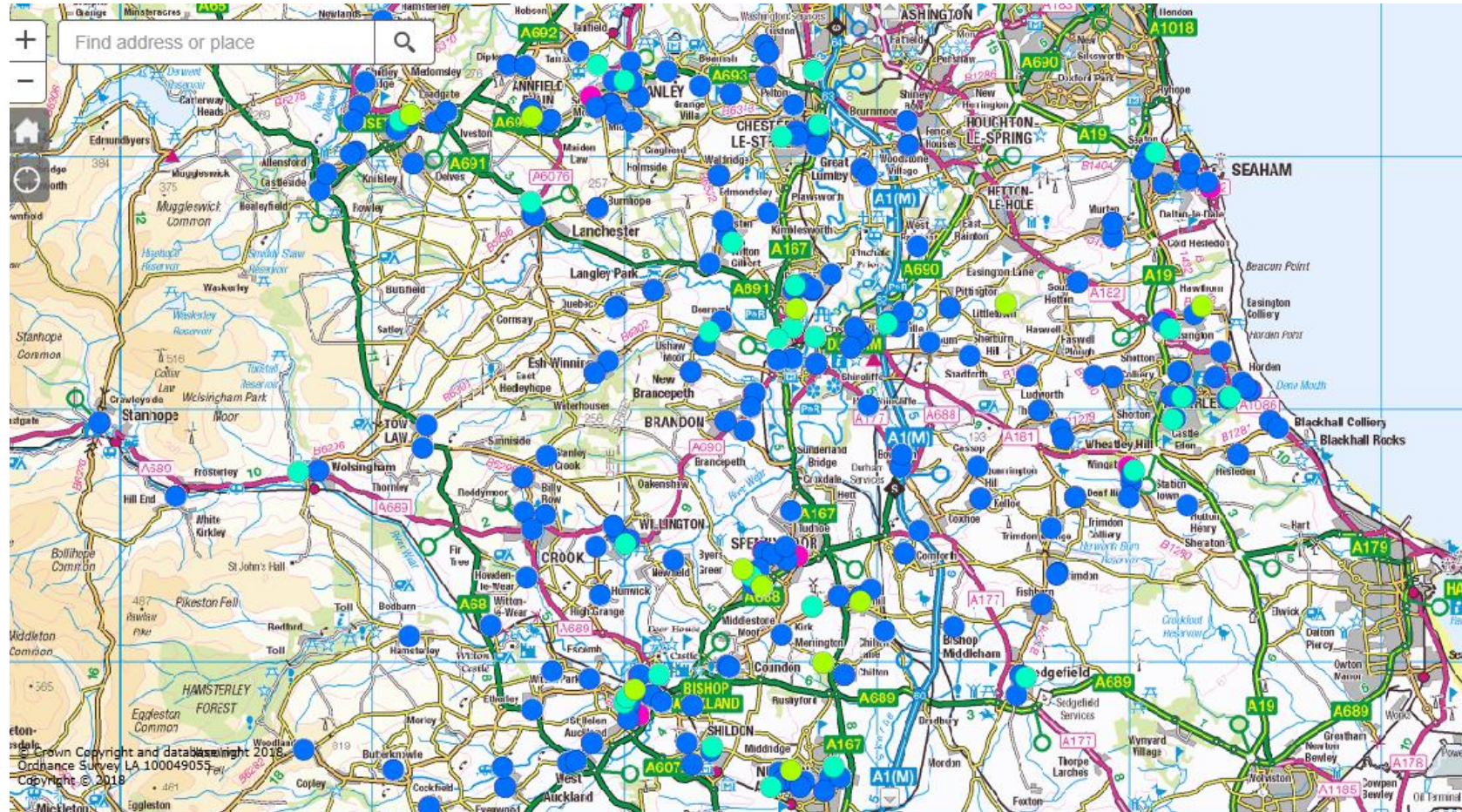
Programme Background

- Durham County Council developed its Carbon Management Plan in 2008
- Schools were identified as a key group to engage. 61% of emissions from DCC buildings were from schools
- A pilot was agreed with funding from the Durham Schools Forum (60 schools)
- In 2010-12 DCC took part in a national Low Carbon Schools programme led by the Carbon Trust
- This programme created resources to help local authorities to monitor their school estate and energy use, along with behaviour change resources for teachers/ catering and cleaning staff





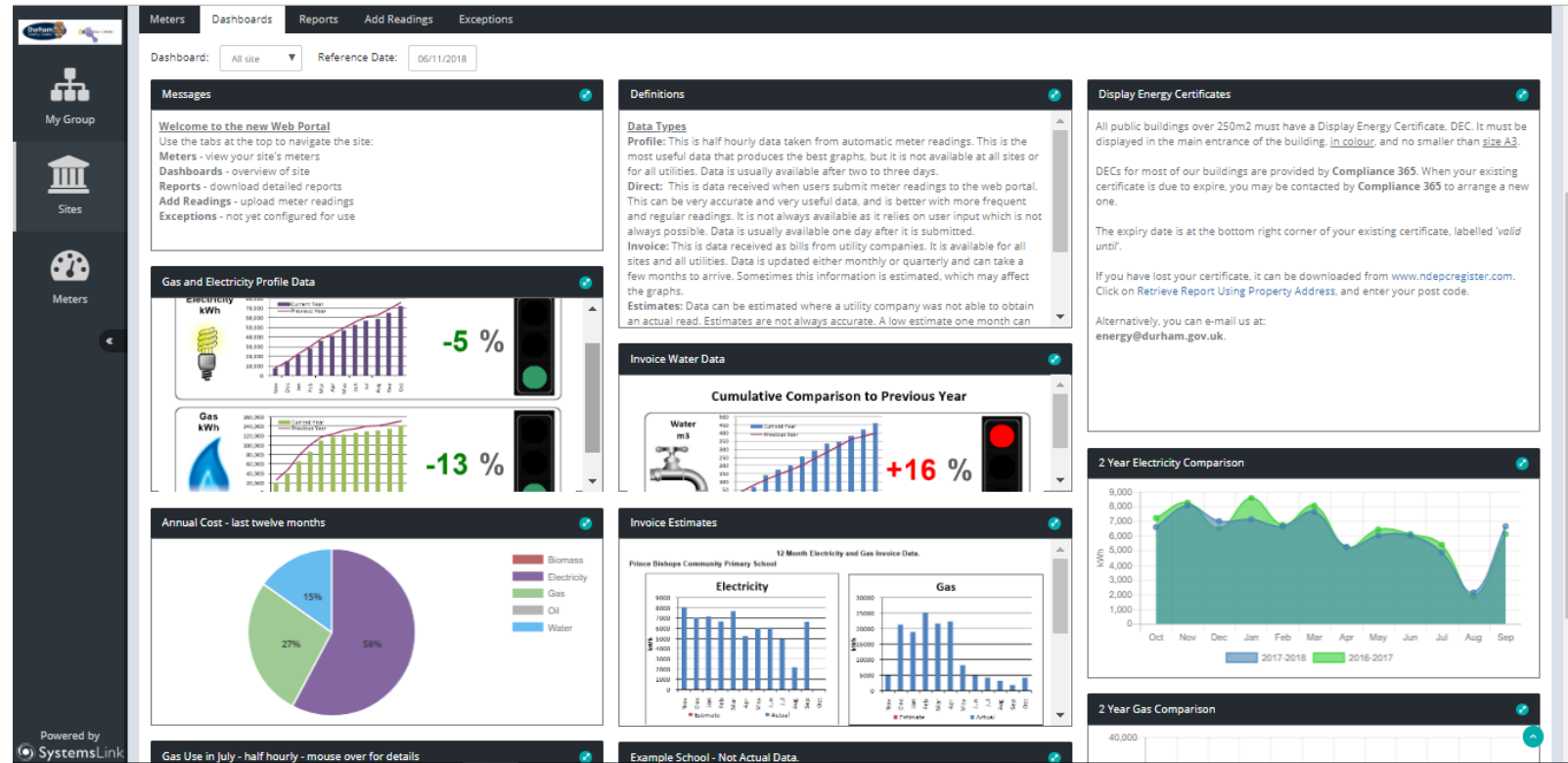
Map of County Durham (with schools)





Energy Portal

- <https://durham.energymanagerlive.com/>



All schools have their own dedicated login to monitor their own use





Current In School Support Available Secondary Schools/ Academies

11 hours of flexible support which includes:

Review of progress with the Head teacher/Business Manager/ lead teacher and evaluate energy data

Re-assess the action plan, agree upon key priorities

Sessions with key pupil and staff groups to support and initiate further behaviour change activities.



| | |
|----------------------|------------|
| When programme began | 30 hours |
| Revised allocation | 12.5 hours |
| Now | 11 hours |





In School Support Available Primary Schools

8 hours of flexible support which can include:

Review of progress with Head/Business Manager and lead teacher.

Re-assess the action plan and identify the new key priorities.

Meet with key pupil and staff groups to support and initiate further behaviour change activities.

Minimum of two visits during the year.



| | |
|----------------------|-----------|
| When programme began | 18 hours |
| Revised allocation | 9.5 hours |
| Now | 8 hours |





Cost of Engaging with Programme

- Depending on size, schools pay between circa: **€740 - €1500** per annum through a Service Level Agreement with the Low carbon Economy Team
- **In total approx. €200,000 per annum**
- **This income funds:**
 - Helping schools manage their energy contracts
 - reduce bills
 - access energy efficiency and renewable projects
 - stay compliant with current legislation
 - keep informed and up to date

School Energy Costs



In 2004/5 schools spent:
€2,894,845

In 2012-13 schools on SLA
spent **€10,842,853**

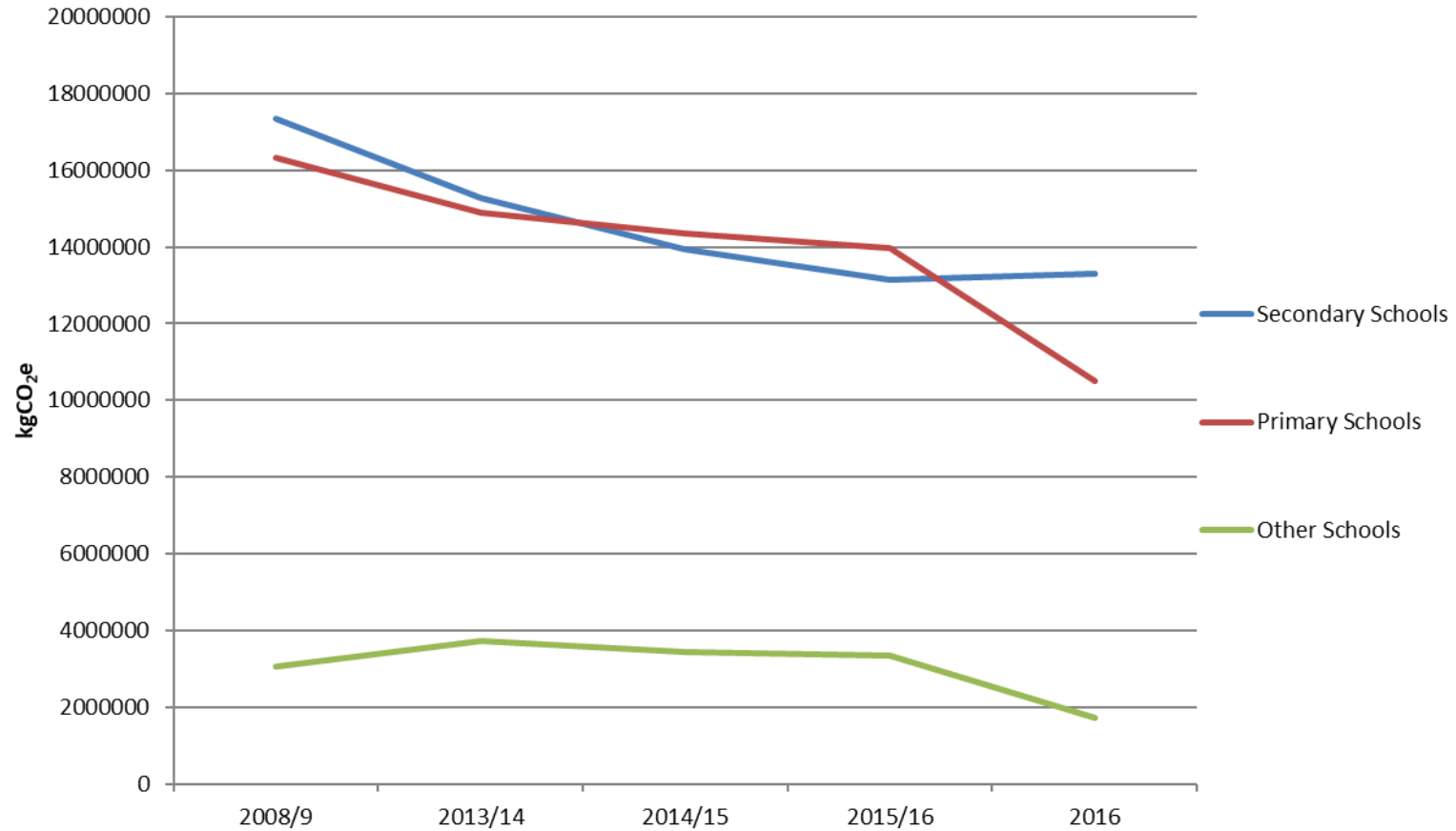
In 2017-18 schools on SLA
spent **€8,403,951**





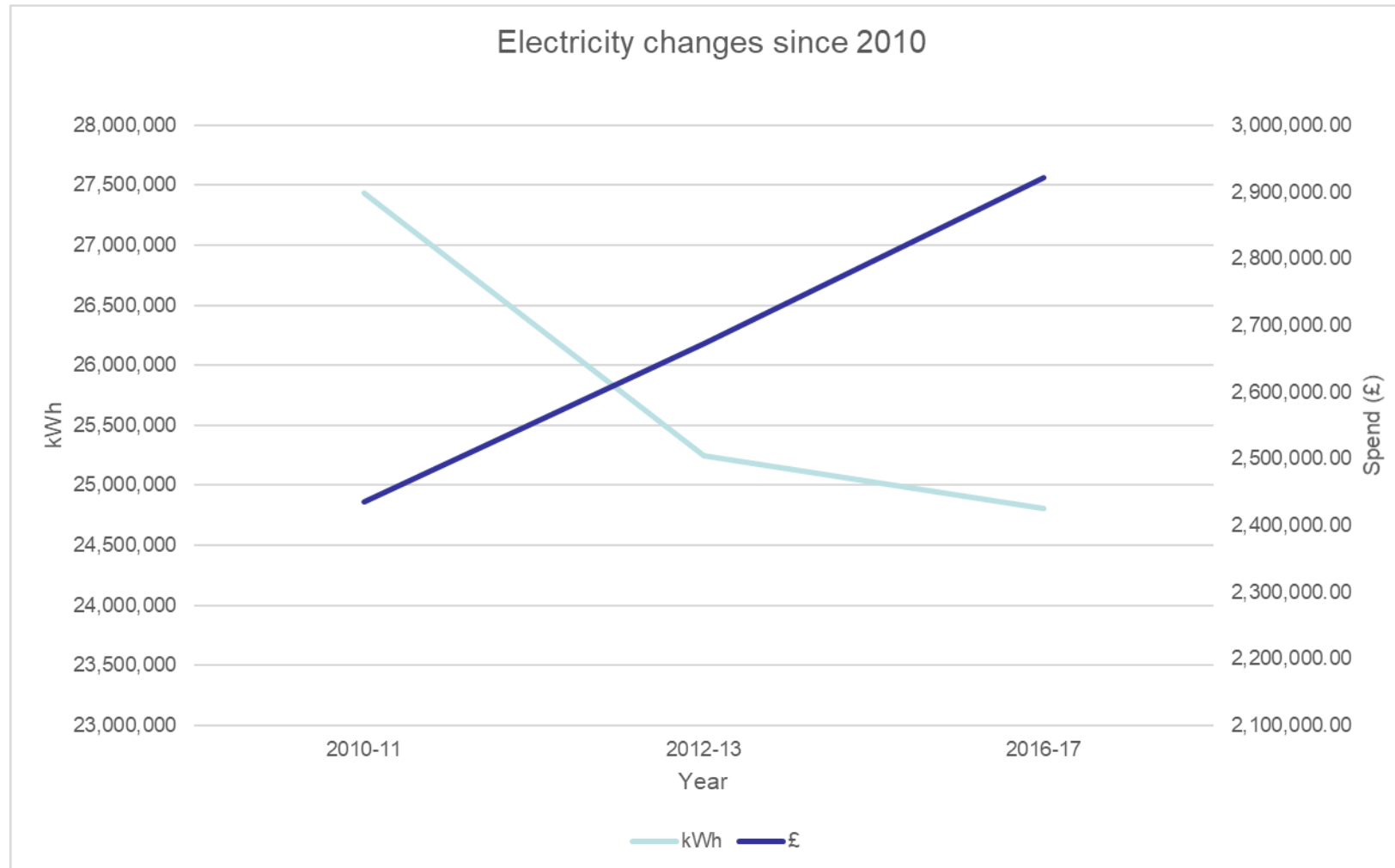
Energy Emissions Schools 2008-2016

Schools





Schools Electricity Use and Cost





Successes

- A long term support programme for schools since 2010
- All schools are supported every year with flexible in school support from specialist staff
- A partnership between Low Carbon Economy Team and Education
- Financial savings have been significant and more than pay for the cost of the SLA.
- Educational focus of the project supports pupil attainment agenda for DCC
- Programme continues to adapt to meet school needs





What's Next?

- Rebranded Project launched September 2018
- A new dedicated website www.eco2smartschools.org.uk (launched Nov 18)
- In school support contract with OASES from April 2018-2020 (plus potential further 2 years)
- Trialling a countywide LED lighting programme (funded by savings made by schools via Salix UK funding)
- Use learning from REBUS Project to influence project development
- Continue to listen to school needs



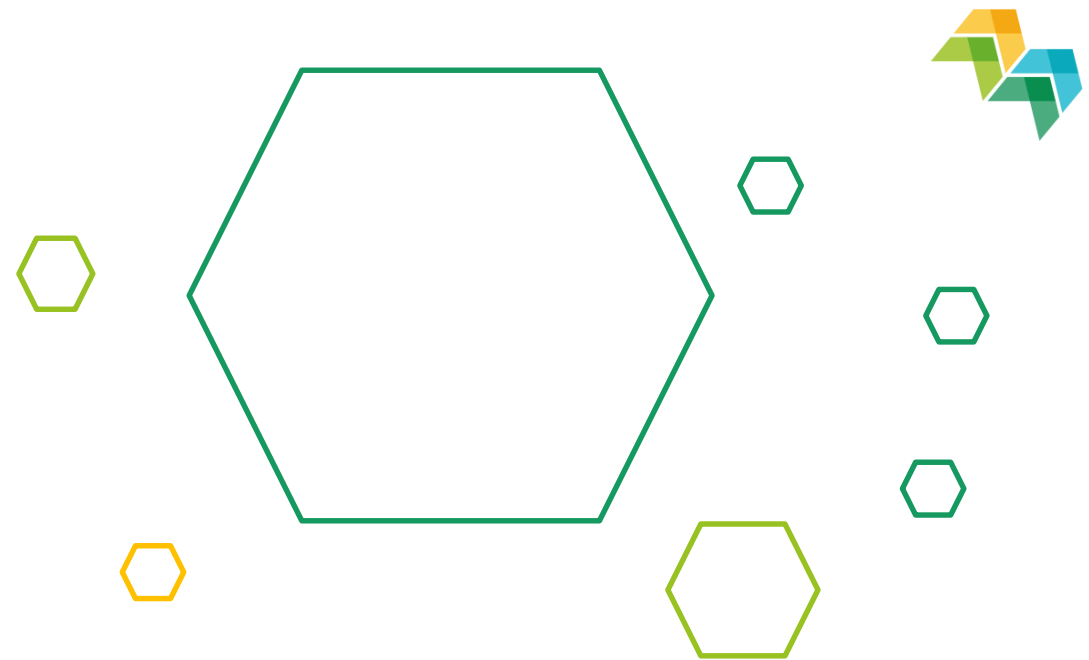


New Website www.eco2smartschools.org.uk

The screenshot shows the homepage of the website. On the left is the logo for 'eco2 smart schools', where 'eco2' is in green and red, 'smart' is in blue and purple, and 'schools' is in blue with a heart and globe icon. Three blue arrows form a circle around the text. To the right of the logo are social media icons for Facebook and Twitter, and a red 'Login' button. Below these is a navigation menu with links for 'Home', 'About', 'Save Energy', 'Resources', 'Case Studies', 'Awards', and 'Contact'. The main content area has a teal background with the text: 'The simple way to become an eco-friendly school and save money in the process.' At the bottom, a Windows taskbar is visible with various application icons and a system tray showing the time as 13:20 on 11/11/2018.

Thank you!

Name
Title
email



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