



SuDS
-urban spaces for water, wildlife and people-



Multiple benefits



- Water quality
- Air quality
- Carbon sequestration
- Groundwater recharge
- Biodiversity
- Health and well-being
- Educational



SuDS for Schools

10 schools – one catchment

2000+ students engaged

Knowledge, skills and confidence

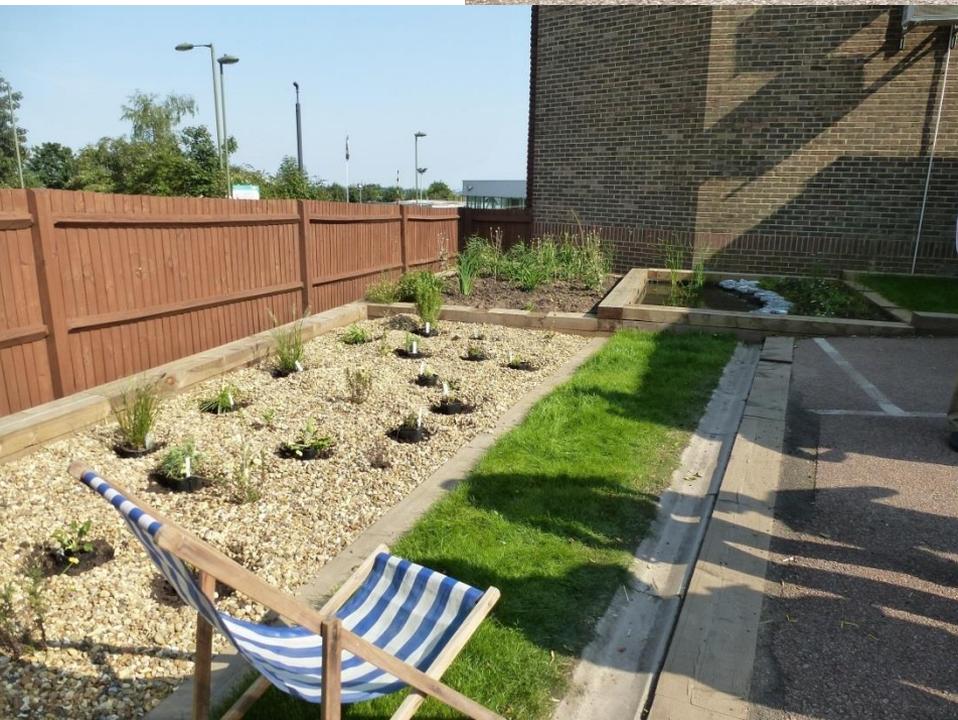
Cleaner stream, new habitats

Healthy, connected people

Inspirational places

Transformed learning – not just the students



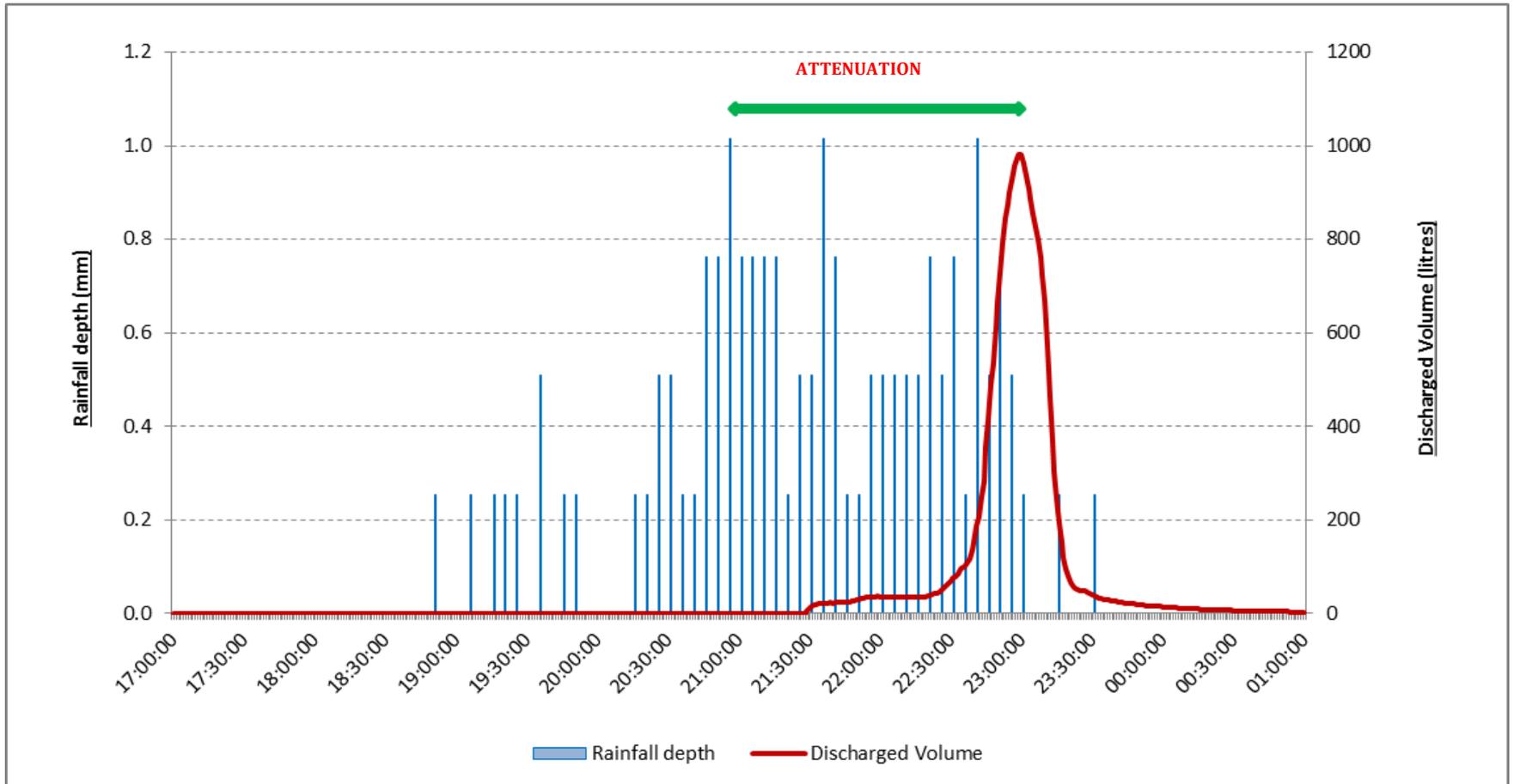


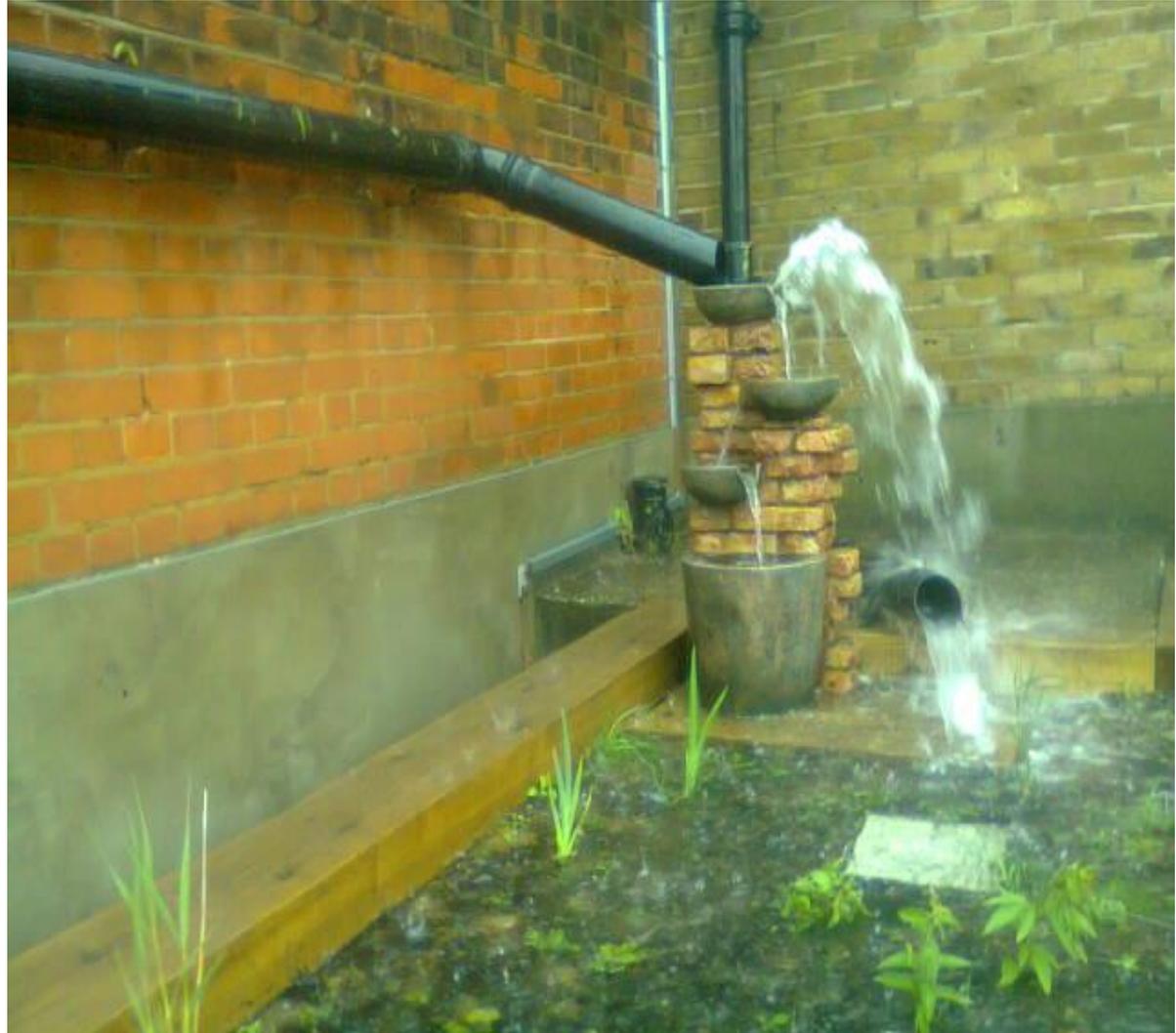
“Love the garden. The children sit at the benches by the garden every break and lunchtime”
Susie Earnshaw





They work...







Lessons Learnt





Partnership, participation and legacy



From roof to river – The benefits of SuDS

Sustainable drainage systems (SuDS) slow the journey of rain from an urban surface to the river and then the sea. They also remove pollutants, using wildlife friendly habitats. SuDS may include multiple wetland features before the discharge point to the local watercourse or drain.

DID YOU KNOW?

Most of London's front gardens are now paved over, increasing the risk of urban flooding after heavy rain

Can you think of any other benefits that your school's SuDS provide?

Prevents flooding downstream

Cleaner streams for us + wildlife

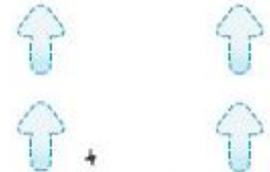


SuDS help us combat the effect of climate change



Urban cooling!

Transpiration Evaporation



Rain



Runoff

Convey



SWALE

Traps sediment + hydrocarbons

Nice place for lunch - Good for health + wellbeing

Discharge

WILDLIFE POND

Biodiversity habitat

Infiltration to groundwater



Recharges aquifers for dry periods



WWT Wellands for life

SuDS for Schools project partners







What a wonderful day we had! It exceeded all our expectations. Thank you so much for everything. Please pass on our thanks to all your colleagues who made it such a successful event.

Mr Westmore, Acting Head Teacher



SuDS are now well and truly in the Hollickwood consciousness, and also of all our community guests, (I see that all the parents' Facebook pages are going crazy tonight with admiring comments about our SuDS!).

Linden Groves, Parent & Gardening Committee





-Transforming the Salthill catchment in Slough- multiple benefits – broader support

Health and well-being strategies

Reduced (fear of) crime

Engagement - community
cohesion

Skills, knowledge – jobs

Cleaner streams (WFD)

Reduced flood risk (SWMP)

Climate Change adaptation

Wetlands and wildlife





National policy

- Update standards
- Clarify adoption
- Strengthen planning policy guidelines





- Engage early
- Build broad support - who benefits?
- Collaborative design
- Be prepared to adapt
- Community management
- Planners and permissions

<http://www.wwt.org.uk/uploads/documents/1400927422>

[Sustainable drainagesystems guide.pdf](#)

<https://www.youtube.com/watch?v=lnZKJ6JlCF4>

