



Barking & Dagenham

SUMMARY

KEYWORDS

SUDS, Green roofs, Urban Heat Island.

NAME OF AUTHORITY

London Borough of Barking and Dagenham

SERVICE AREA

Regeneration, Spatial planning

BUILDING CAPACITY/TAKING ACTION

Taking action

SUMMARY

Integrating climate change adaptation into two regeneration projects (Barking Riverside and Barking Town Centre).

DESCRIPTION

DRIVERS

- Nottingham Declaration
- Climate Change and Environmental Management Policy
- Sustainable Energy Strategy
- Climate Change Strategy

METHODS

- Flooding, heat waves and drought were identified as major risks to the regeneration projects and planning consent was used to encourage developers to include SUDS and green roofs in plans.
- Consultations, Planning Policies, Planning Advice Notes were made available to developers: 'Green Roofs' and 'Sustainable Design and Construction'(includes SUDS).
- Plans also specified light coloured granite paving and an arboretum in the town centre redevelopment to protect against summer overheating.

- Finally the maintenance burden of the additions was considered and a Community Development Trust planned to manage and maintain SUDS.

OUTCOMES

- Sustainable Urban Drainage System, green roofs and urban heat island mitigation measures were incorporated into development planning.

KEY PLAYERS

- Homes and Communities Agency
- Bellway Homes
- LBBD (Regeneration & Economic Development)
- Environment Agency
- University of East London (UEL)
- Living Roofs

ANALYSIS

STRENGTHS

- Strategic documents and clear guidance in place at the outset.
- Working with local, regional, national and international partners enabled more ambitious projects than would have occurred otherwise.

CONSTRAINTS

- Scope of consultation limited by timescales and officer availability.

KEY MESSAGES AND LEARNING POINTS

- Unambiguous and technically sound guidelines ensured developers were aware of council requirements at the design stage.
- Working with partners ensured access to more funding and support opportunities.
- Wider consultation (schools, healthcare professionals, patients, support groups) would have enabled greater awareness and community involvement.
- Providing advice to developers was a key component in the success of the project.
- Demonstrating the additional benefits of adaptation action in terms of aesthetics and area design is key to community engagement.

FURTHER INFORMATION

CONTACT NAME AND DETAILS

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REFERENCES, WEB LINKS

- Local Areas' Action – report by CAG consultants [www.cagconsultants.co.uk/resources/climate-change-case-study/Adapting to Climate Change Local Areas Action June09.pdf](http://www.cagconsultants.co.uk/resources/climate-change-case-study/Adapting_to_Climate_Change_Local_Areas_Action_June09.pdf)
- Climate Change Strategy <http://www.barking-dagenham.gov.uk/8-leisure-envir/planning/local-dev-framework/pdf/proposals/evidence-base/draft-climate-change-strategy.pdf>
- Core Strategy – climate change http://barking-dagenham-consult.limehouse.co.uk/portal/planning_policy/cs/pscs?pointId=1224700278011
- Barking Riverside:
 - » <http://www.barkingriverside.co.uk>
 - » <http://www.barking-dagenham.gov.uk/5-work/regeneration/riverside/barking-riverside/barking-riverside.html>
- Policy:
 - » <http://www.barking-dagenham.gov.uk/8-leisure-envir/planning/pdf/green-roof-part-1.pdf>
 - » <http://www.barking-dagenham.gov.uk/8-leisure-envir/planning/pdf/sustainable-design-part5.pdf>