

The Community Geo-timeline

— NOTTINGHAM —

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University of Nottingham



BACKGROUND

TURAS KEY CHALLENGE GET INVOLVED TARGET AUDIENCE RESOURCES ABOUT

COLLABORATING COMMUNITIES

Conference & workshop hosted by Dublin City Council & EU TURAS project

Hear insights into:

- Circular Economy - Brussels
- Energy for Community - Nottingham
- Flood Management - Rotterdam
- Green Infrastructure - London
- Collaborative Tools - Dublin

Participate in a workshop:

To collaborate towards solving complex planning problems. Facilitated by Osma, a TURAS spin off.

Wood Quay Venue
Dublin 8

- www.woodquayvenue.ie
- 6th September 2016
- 9.30 a.m - 4.30 p.m
- FREE 100 Places
- To book, email collaborative.tur@gmail.com
- Lunch provided & Evening Wine Reception

TRANSITIONING TOWARDS URBAN RESILIENCE AND SUSTAINABILITY

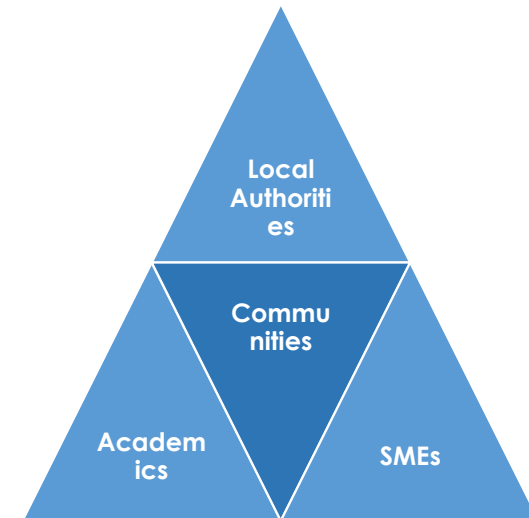
The "TURAS" initiative brings urban communities and businesses together with local authorities and researchers to collaborate on developing practical new solutions for more sustainable and resilient European cities.

INTEGRATED TRANSITION PROJECTS

TURAS TOOLS

PLACE-BASED STRATEGIES

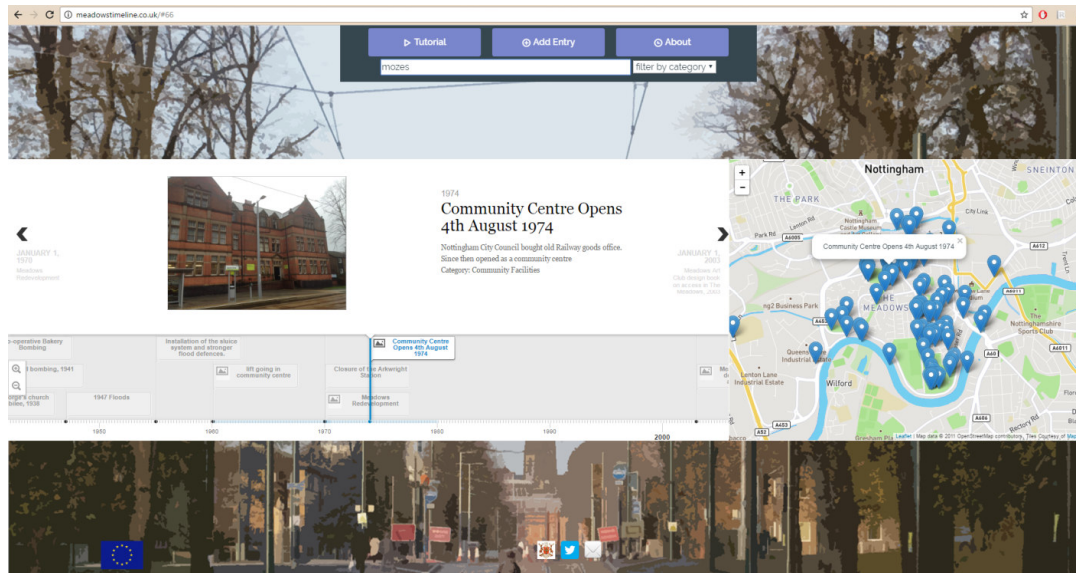
TURAS PILOTS



TURAS TWINNING CONCEPT

TURAS is about understanding and enabling strategies and processes that support community resilience and sustainability

Community Geo-timeline Project Description and Goals



The Community Geo-timeline is an open online resource that collates long-term historical and topographical data, changes in the infrastructure provision, stages of urban development and regeneration and, most importantly, tangible and intangible values of place identified by the community.

Community Geo-timeline **Project Description and Goals**



Case study for development: Meadows Nottingham

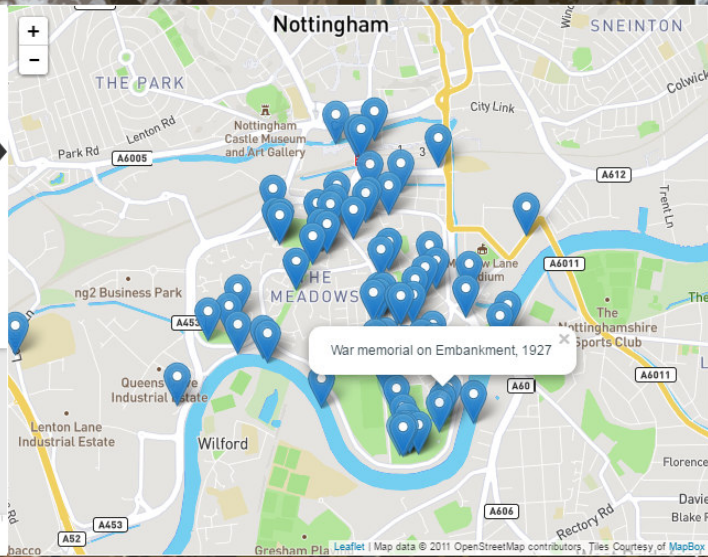
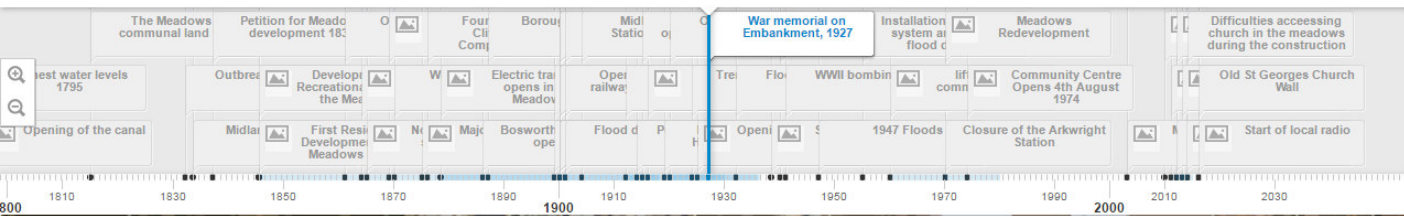
[▶ Tutorial](#)
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[⊙ About](#)

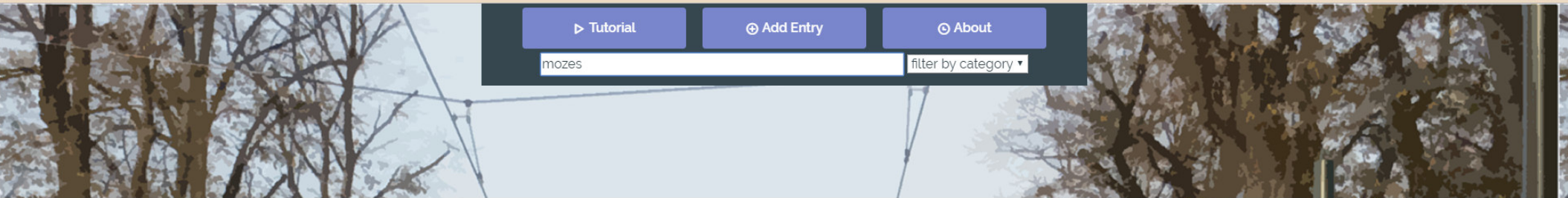
1927 War memorial on Embankment, 1927

The war memorial was opened on the Embankment in 1927.
Category: Community Facilities

1925
Opening of
Laundry

1932
Flooding event
1932





[Tutorial](#)
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 JANUARY 1, 1970

 Meadows Redevelopment



1974

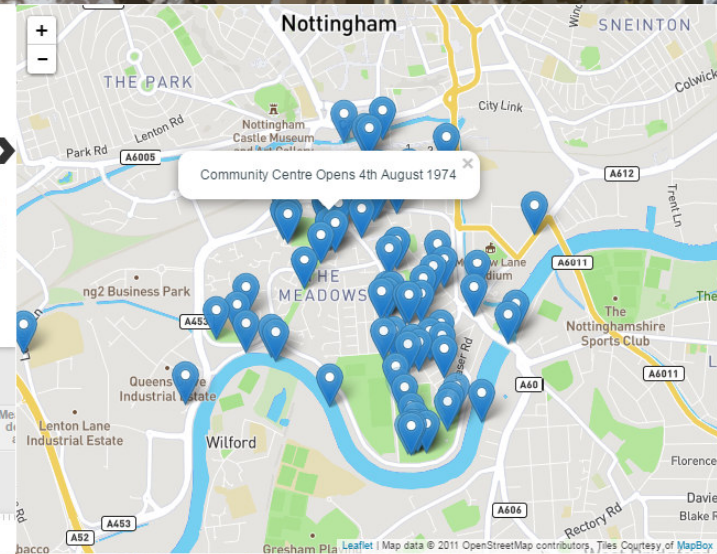
Community Centre Opens 4th August 1974

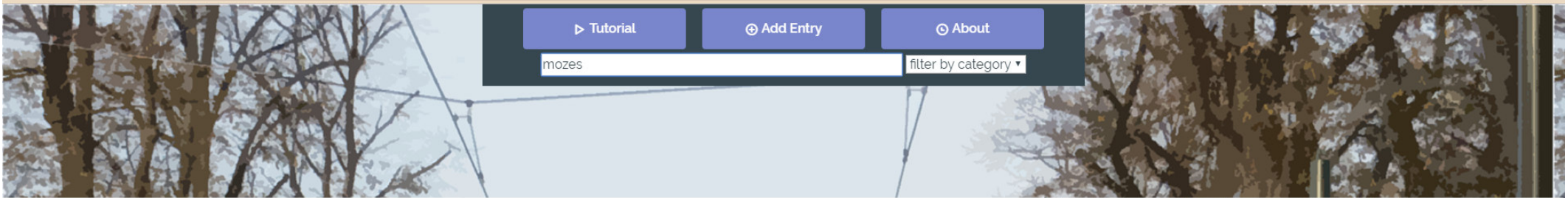
Nottingham City Council bought old Railway goods office. Since then opened as a community centre
 Category: Community Facilities

>

 JANUARY 1, 2003

 Meadows Art Club design book on access in The Meadows, 2013





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[⊖ About](#)

◀

 1970

 Closure of the Arkwright Station



January 1, 1970 — December 31, 1979

Meadows Redevelopment

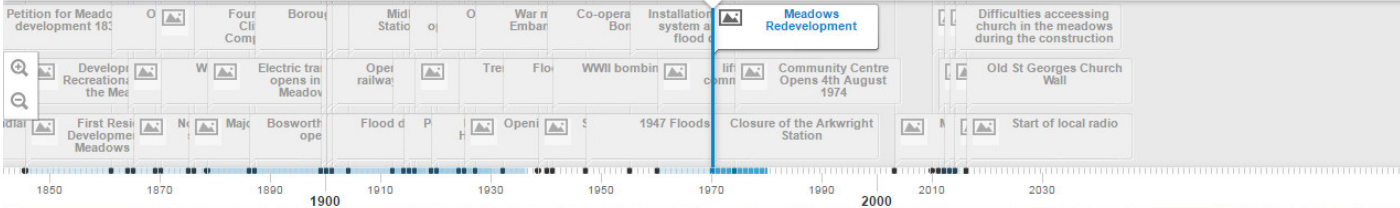
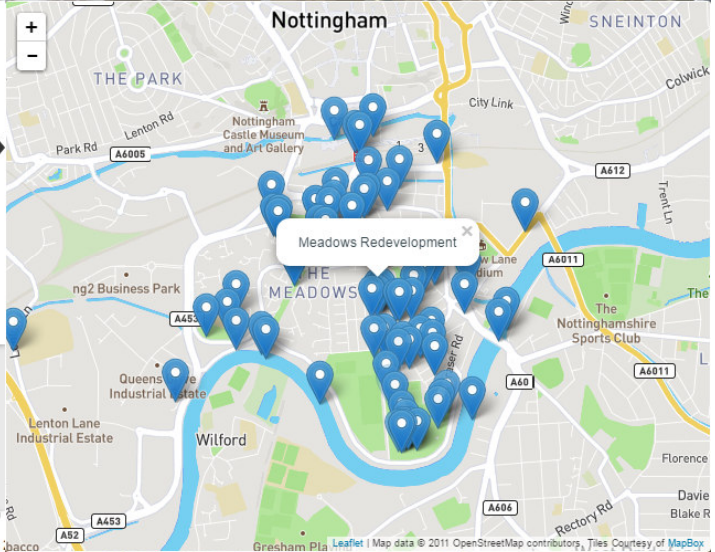
Demolition of large sections of the Meadows which were deemed unsuitable for modern habitation occurred in the 1970s. New developments which separated pedestrians from motorists through the creation of cul-de-sacs, feeder roads and underpasses were constructed. New neighbourhood centres with shops and other services were constructed.

Category: Housing

▶

 1974

 Community Centre Opens 4th August 1974



Tutorial Add Entry About

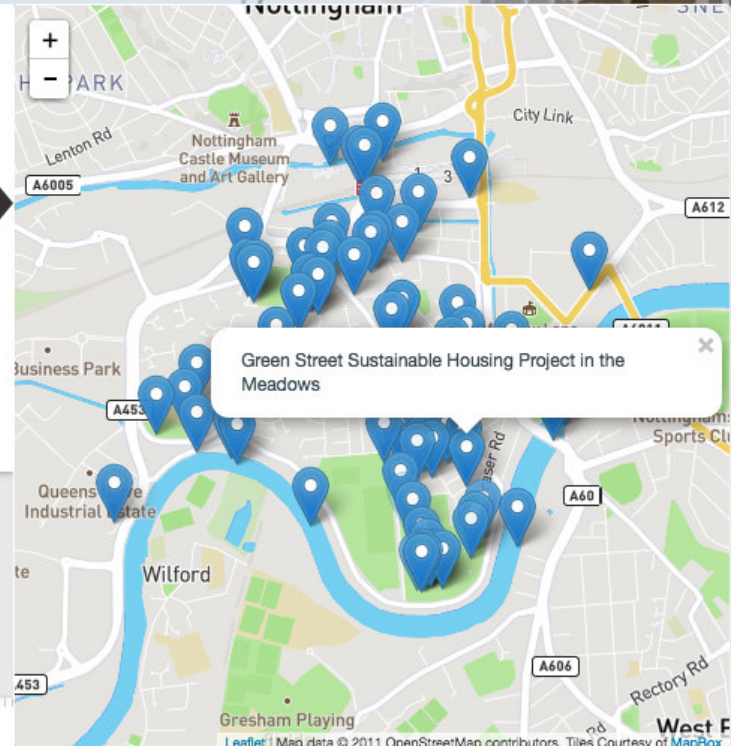
type to search... filter by category



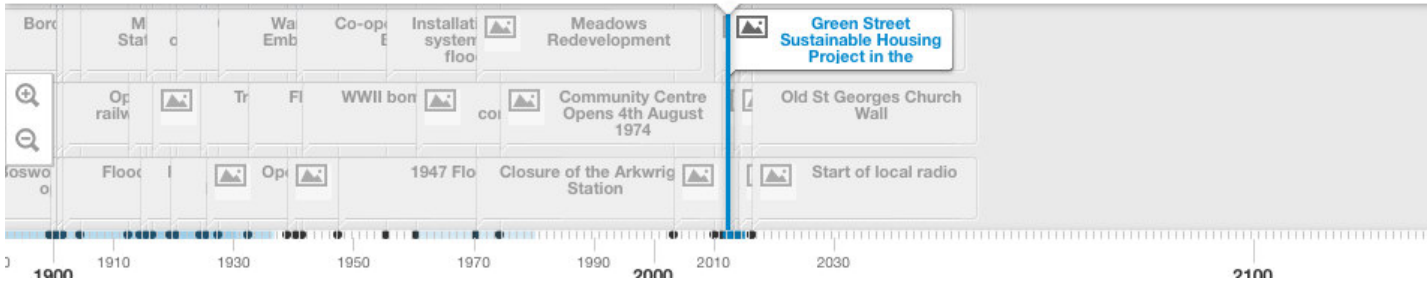
January 1, 2012 — January 1, 2015

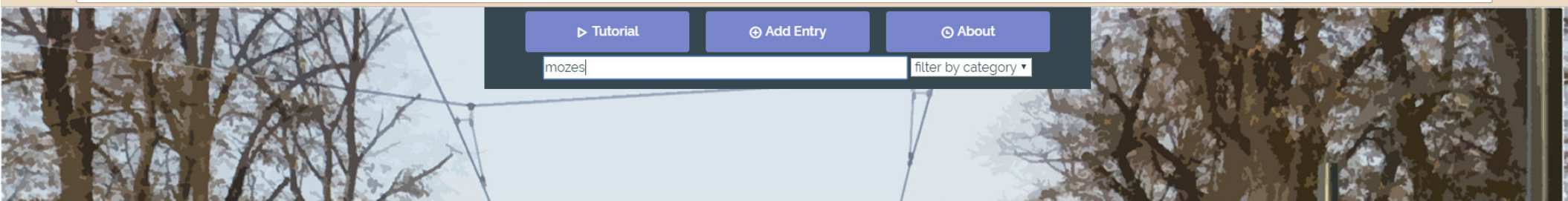
Green Street Sustainable Housing Project in the Meadows

The first phase of redevelopment commenced with phase 1 of Green Street, consisting of 38 low energy use 3 and 4 bedroom residential properties. The second phase



2012 Left Bank Flood Alleviation scheme





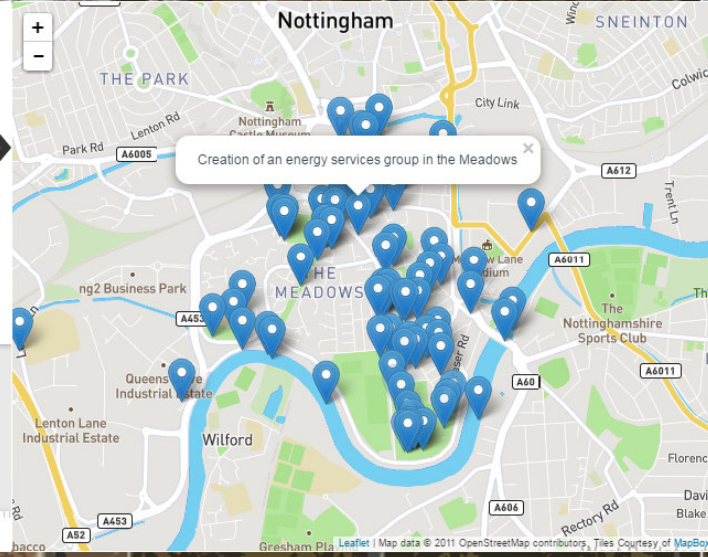
JANUARY 1, 2003
Meadows Art Club design book on access in The Meadows, 2003



October 1, 2009 — August 11, 2009 Creation of an energy services group in the Meadows

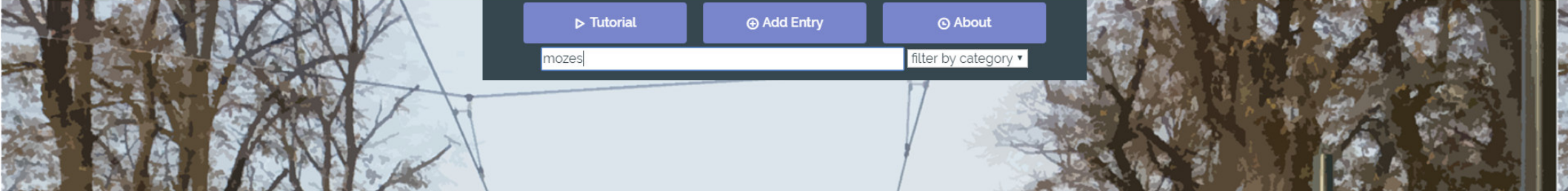
Meadows Ozone Energy Services (MOZES) was formed; the group is a grassroots organisation formed by people who live in the Meadows. MOZES aims to tackle issues relating to fuel poverty and greenhouse gas emissions in the community. Funding was awarded from the Department of Energy and Climate Change in 2009 for the installation of solar photovoltaics on 55 houses, bringing renewable energy to the

2011
Construction of New tram line



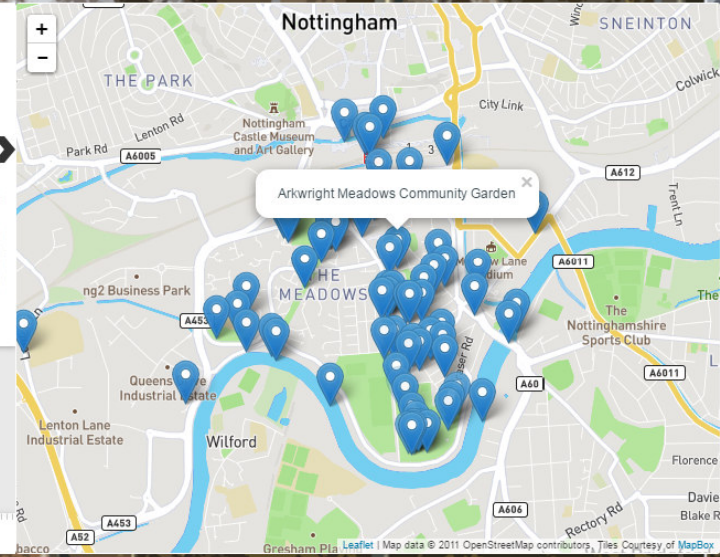
Timeline interface showing a search bar, a timeline from 1980 to 2030, and a list of events including 'Creation of an energy services group in the Meadows'.





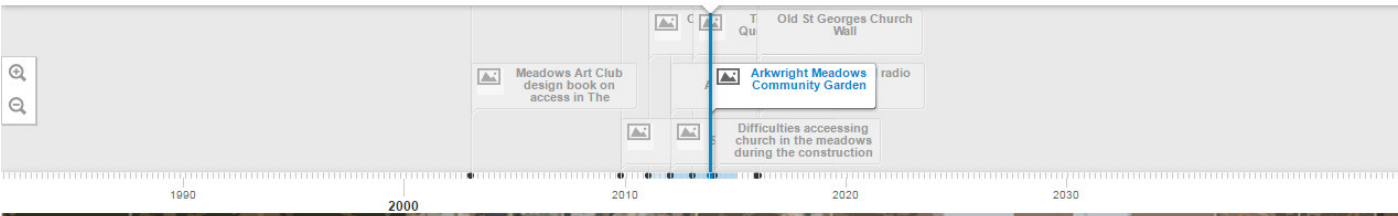
November 3, 2013 — November 4, 2013 Arkwright Meadows Community Garden

The Arkwright Meadows community garden was set up in 2001 by local community residents to transform a disused playing field into a green space for all to use.
Category: Community Facilities

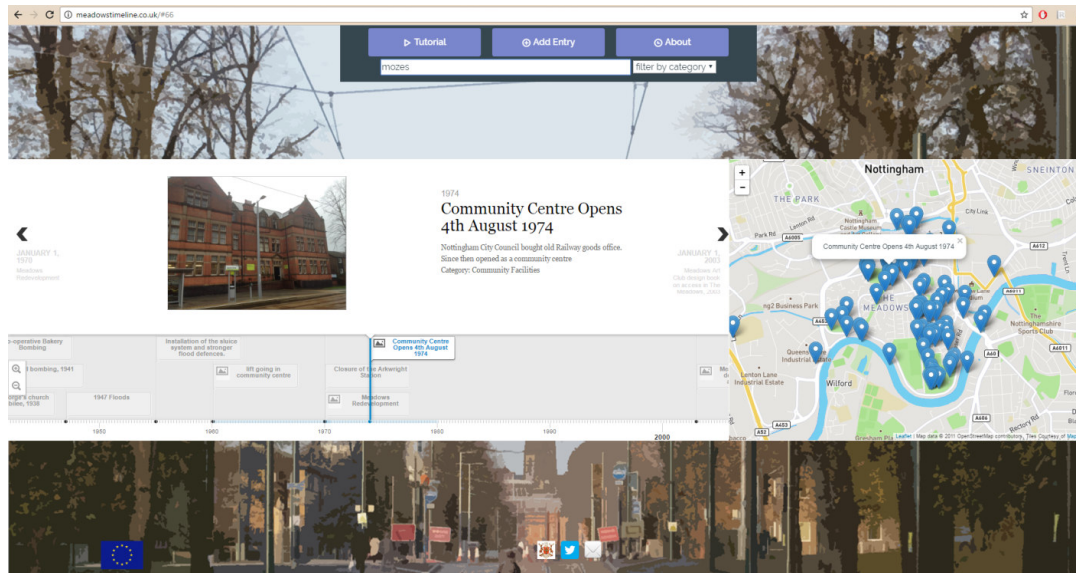


JANUARY 1, 2013
Tree Carvings, Queens Walk 2013

JANUARY 1, 2014
Difficulties accessing church in the meadows during the construction of the trams



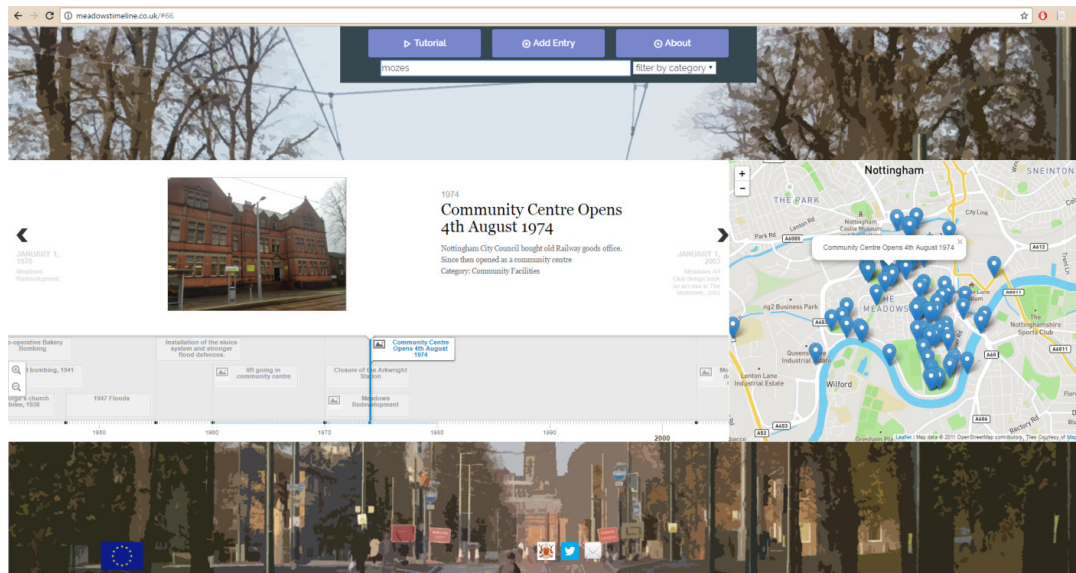
Community Geo-timeline Project Description and Goals



RESEARCH AIM FOR THE COMMUNITY GEO TIMELINE:

- identify the build up of capacity, knowledge and networks between people and place and their effect on building social resilience over time

Community Geo-timeline Project Description and Goals

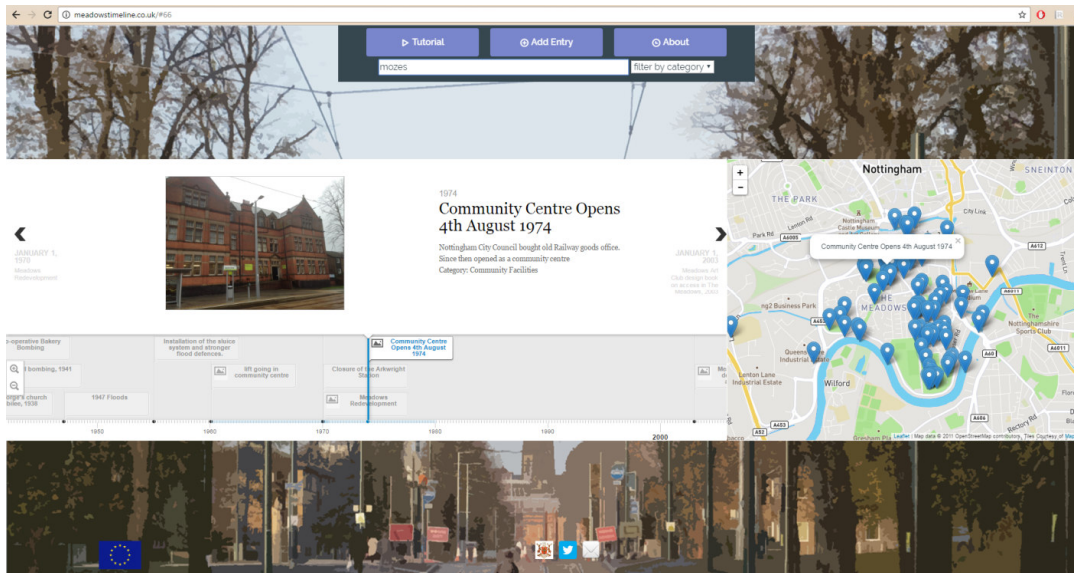


Project Goals:

The Community Geo-timeline

1. provides a collective database of history, identity and place attachment that generates a shared platform of knowledge and dissemination.

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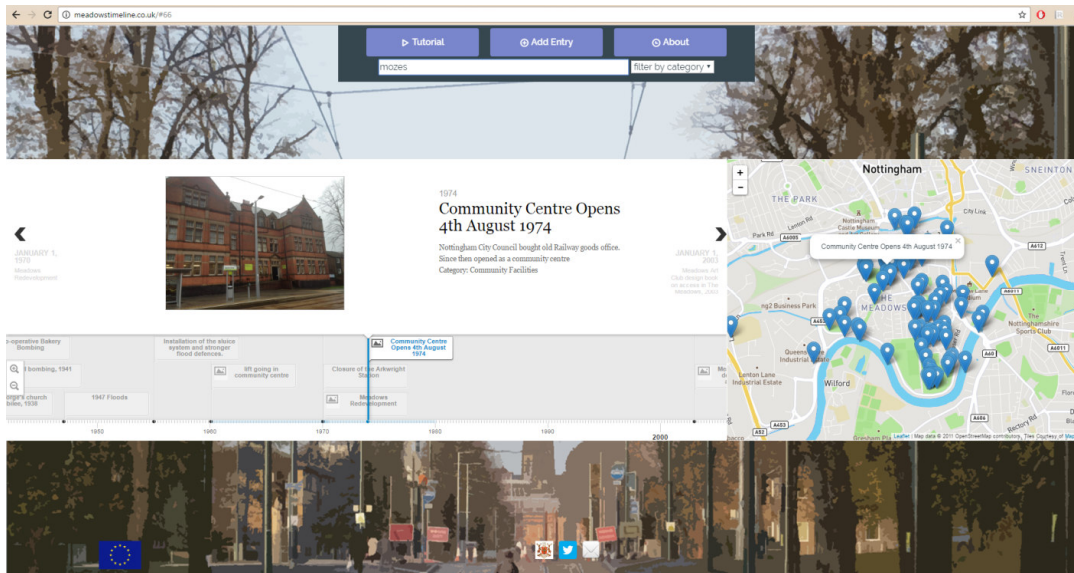


Project Goals:

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1. provides a collective database of history, identity and place attachment that generates a shared platform of knowledge and dissemination.
2. allows access to community inherent knowledge and values in the lead up to new development projects to facilitate consultation and negotiation in the planning process

Community Geo-timeline Project Description and Goals



Project Goals:

The Community Geo-timeline

1. provides a collective database of history, identity and place attachment that generates a shared platform of knowledge and dissemination.
2. allows access to community inherent knowledge and values in the lead up to new development projects to facilitate consultation and negotiation in the planning process.
3. registers developing patterns and trajectories of community resilience.

Community Geo-timeline Project Development



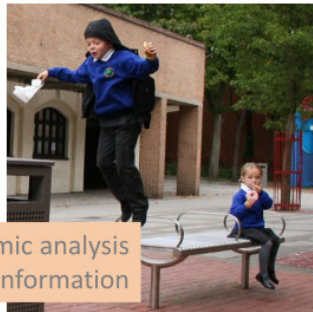
Community focus event. Presentation by Laura Alvarez (University of Nottingham). Other presentations included Dr. Lucelia Rodrigues (Nottingham Turas lead) and Aoife Corcoran from University College Dublin who developed the online platform.

Project Development:

- Review of historical, topographical, socio economic and spatial data
- Consultation with community groups and stakeholders

Community Geo-timeline Challenge Addressed

PEOPLE



Socio-economic analysis
Survey information



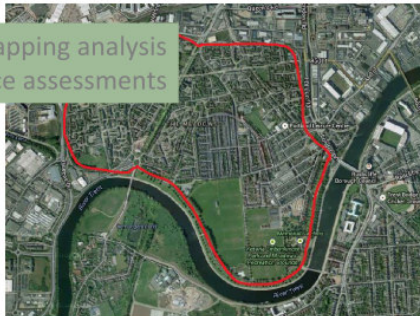
Social network analysis
Social activity data
Social support networks

SOCIAL NETWORKS

Challenge addressed:

Communities have a wealth of knowledge, including memories and ideas that could help various stakeholders solve diverse urban problems: "community capital".

Mapping analysis
Place assessments



PHYSICAL



Location dependency
Emotional bonding
Social bonding

PLACE BONDING

Greater community engagement is needed to accumulate, harness and assess this community capital in order to develop effective strategies and innovative solutions to urban problems.

Image by Laura Alvarez (Turas Nottingham)

Community Geo-timeline **KEY FINDINGS**



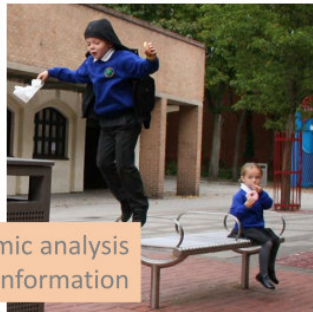
The geo-timeline **helps community members connect to important community information.**

The geo-timeline **provides local information which can often be missing from discussions relating to the development process.**

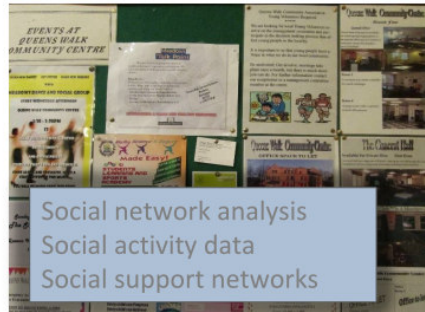
The geo-timeline **is indicative of pattern of development of community capacity and resilience.**

Community Geo-timeline

PEOPLE



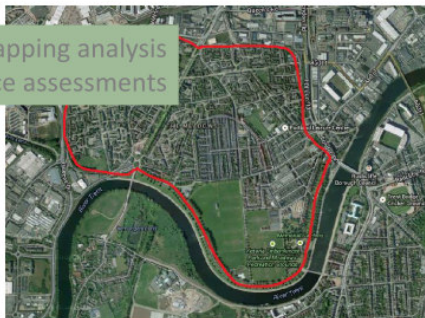
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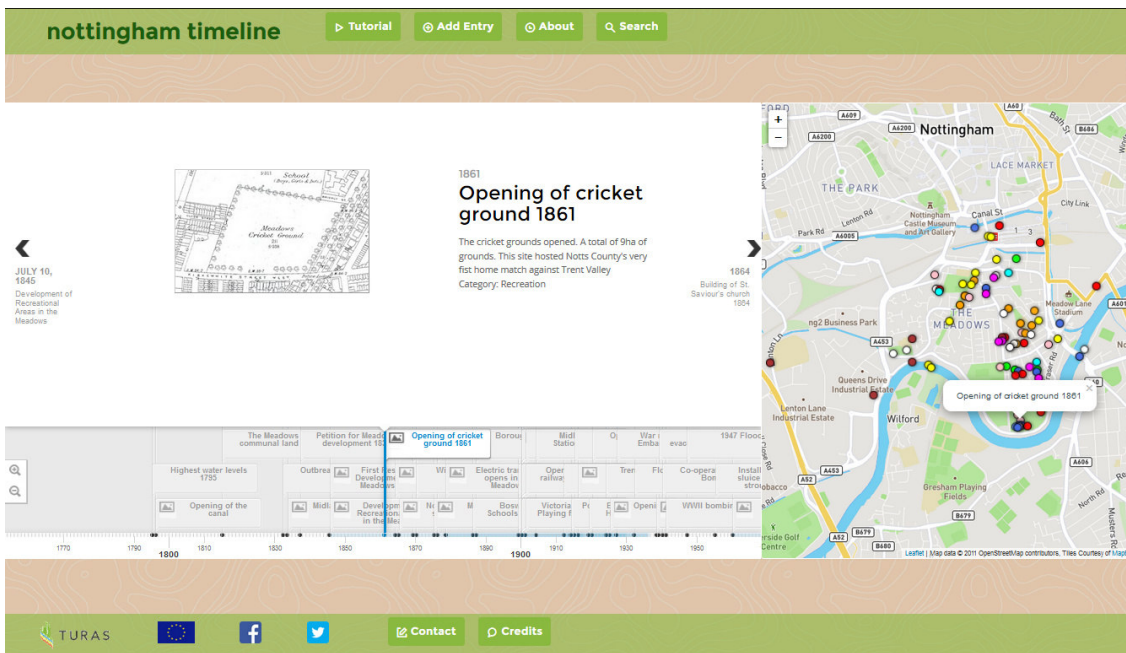
How is the geo-timeline tool beneficial to local authorities?

It can **reveal internal relationships or path-dependencies of current developments** such as the relationship between changes in infrastructure and social adaptation.

By crowd sourcing information that would otherwise be inaccessible, we can **co-relate this very rich source of information with other data such as statistics and spatial information and enable learning.**

Image by Laura Alvarez (Turas Nottingham)

Community Geo-timeline



CONCLUSION & OUTLOOK

The geo-timeline provides a tool for capturing a community narrative, provides opportunities for learning and increased collective action. It is the **shared learning aspect which will be a key contribution to social resilience.**

In conjunction with its ongoing management, **monitoring and evaluation**, the geo-timeline would allow for the identification of the build-up of capacity, knowledge and networks between people and with place, and their **effect on building social resilience over time.**

LAUNCHING SOON: www.nottinghamtimeline.co.uk



TURAS

TRANSITIONING TOWARDS URBAN
RESILIENCE AND SUSTAINABILITY



THANK YOU!

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