

# User Centred Design

Manchester.gov.uk



















## Introduction

**Andrew Sweeting** 

**Digital Services Manager** 

**Julie Crawshaw** 

**Digital CMS Lead** 

**Pete Smart** 

**Digital Content Lead** 



















## The old Manchester



















# Partnerships

- In-house
- Digital communications team
- Web developers
- Design studio
- Partners
- Jadu: UX web design, web development, CMS engineering
- Keep it usable: usability testing
- Abilitynet: accessibility organisation



















# Why website re-design?

We needed . . .

- a 'responsive design' from smartphone to big screen
- to reflect why people come to our website
- to prioritise on statistical analysis rather than opinion and conjecture
- to streamline content and make it customer-focused 4.
- to update the site design



















# 1. Responsive design – from smartphone to big screen

- site was primarily designed for pc
- smart phone use approaching 50% most people will soon use phones and tablets
- 'responsive design' means no separate designs site automatically adjusts to fit
- new design fits smart phone format (without shrinking and expanding)



















# 2. To reflect why people come to our website

- 80% of visitors have a task to find specific information, or carry out transaction
- only 20% are 'grazers', simply looking
- the new site is task-orientated and customer-focussed
- most-common tasks are obvious to find, easy to use



















# 3. Prioritise on statistical analysis rather than opinion and conjecture

- prioritised on statistics from all sources: web page visits, search terms, phone contact and customer service centres.
- greater prominence to most commonly-requested topics
- evidence-base for 'real estate' eg home page prominence
- but also prioritise topics that account for heavy non-web traffic (e.g. bins and recycling) in a drive to channel-shift.















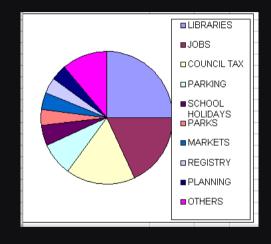


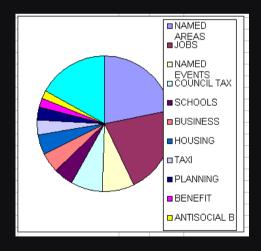


## Examples of statistical evidence-base 1

EXTERNAL GOOGLE SEARCH		
	6 months	%
LIBRARIES	46497	25%
JOBS	33343	18%
COUNCIL TAX	31248	17%
PARKING	14312	8%
SCHOOL HOLIDAYS	10226	5%
PARKS	7534	4%
MARKETS	7230	4%
REGISTRY	7088	4%
PLANNING	7037	4%
PAY TICKET	4824	3%
HOUSING	4693	3%

INTERNAL SEARCHES			
6 months		%	
NAMED AREAS	2152		21.8
JOBS	2101		21.3
NAMED EVENTS	775		7.8
COUNCIL TAX	721		7.3
SCHOOLS	490		5.0
BUSINESS	470		4.6
HOUSING	452		4.6
TAXI	374		3.8
PLANNING	301		3.0
BENEFIT	220		2.2

















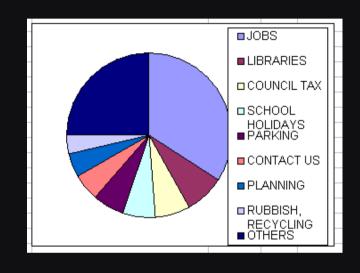




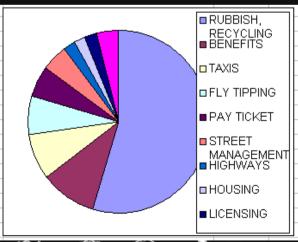


## Examples of statistical evidence-base 2

PAGE VISITS		
6 months		%
JOBS	485253	34.3
LIBRARIES	108635	7.7
COUNCIL TAX	94303	6.7
SCHOOL HOLIDAYS	91042	6.4
PARKING	87747	6.2
CONTACT US	70927	5.0
PLANNING	66890	4.7
RUBBISH, RECYCLING	55092	3.9
COUNCIL DEMOCRACY	44456	3.1
HOUSING	39248	2.8



CUSTOMER CONTACTS (Phone/person)				
6 months		%		
RUBBISH, RECYCLING (breakdown below)	76500	54.6		
BENEFITS	13800	9.9		
TAXIS	11100	7.9		
FLY TIPPING	9900	7.1		
PAY TICKET	7800	5.6		
STREET MANAGEMENT	6600	4.7		
HIGHWAYS	3300	2.4		
HOUSING	2700	1.9		
LICENSING	2700	1.9		

















# 4. Streamline content and make it customer-focused

- content was in long 'wall of text' web pages
- 'calls-to-action' hard to find
- customer-unfriendly especially on smart-phone
- started with most-visited task: reduced page lengths and restructured content
- edited out repetition and unnecessary information
- text in shorter to-the-point chunks
- strip out old, un-read, inaccurate content following principle of 'do less, better'













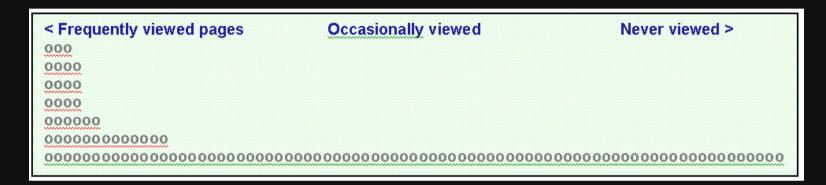




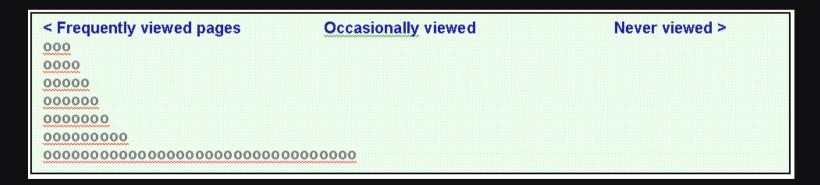


# Long neck, long tail

### Before



### After





















### **BEFORE**

### Claim student discount

Student exemption, or reduction in the bill because of a student

It everyone aged 18 or over living at your address is a full-time student or student nurse, then you may not have to pay Council Tax because your home may be everify. You need to obtain an exemption unless you live in a fail of misclance.

If you are a student and you share your address with someone who is not a full-time student then we can reduce the Council Tax bill by 25%. Claim money off because of a student.

If you are a student and you rem your address with two or more joint terrants who are not fultime students then there is no reduction and the people who are not students are liable to pay the Council Tax. They are jointly responsible for the bill and can <u>chain benefit</u> based on their

#### Students in halls of residence

Students fiving in fields of residence den't have to pay Council 7av. Halls of residence are exempt properties; so if you live in one, you don't need to olding an exemption. To yount as exempt, a high or residence must be

- owned or managed by a charity, or by an educational establishment that moinly provided turther or higher education; or
- the subject of an agreement that allows the educational establishment to nominate most of the people who will live there.

If you are a foreign student and your partner or dependant is from overseas

If you are a fureign student and your partner or dependant to not a British chizen and it not to depend to work or claim benefits, you will bitlib be exempt from paying the Council Tax (you do not have to gray all, You need to send us a copy of your partner's passport and your student number if you study at Nationaers Metropolitian University, University of Manchester, University of Botton, Menchester College of Law, Royan Northern College of Maris or Manchester Nettona College. If you study disserted, we need a copy of your partner's passport and a copy of your student certificate. You can get this from your colleges of Maris solar affects.

### If you are a student living with an owner-occupier

If you live with someone who is not your panner and who owns the house you live in, that person must pay Council Tax. They may be able to claim a 25% discount because you are a student.

### Part-time student

Part-time students must pay Council Tax but they may be able to obaim Council Tax Benefit.

### Full-time students who share with part-time students-

If you are a full-time student and you share a property with a joint tenant who is a part-time student, then we reclice the Council Fax bill by 25% and the part-time student is liable to pay the Council Fax.

To be ounted as a student, you must be undertaking a full-time course at a college or university (or similar educational establishment) in the UK or the European Union. You do not necessarily have to Memo! If you are engaged in distance learning you can still qualify as a student for Council Tax purposes as long as you meet the other student or tiers! You must be living in the UK.

### A full-time course is one that:

- lasts for at least one academic year, or if the establishment does not have academic
  years, for at least one calendar year,
- you normally undertake for at least 24 weeks in each academic or calendar year, and
- you normally undertake for an average of at least 21 hours a week of study, nutton, work exterience or a combination of these.

Claim a student exemption or money off because of a student

### Claim student discount

How to claim an exemption because everyone in your home is a student, or money off because of a student

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### We need proof of your student status

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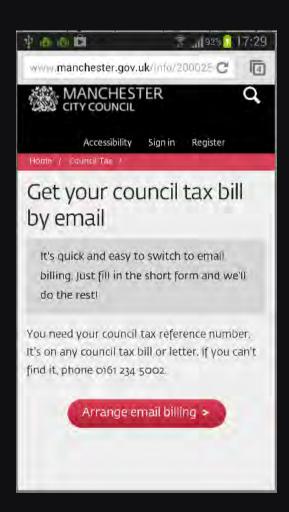


## **AFTER**

### New site on mobile phone

























## Landing page hierarcy: BEFORE

From one item, to many items . . .

















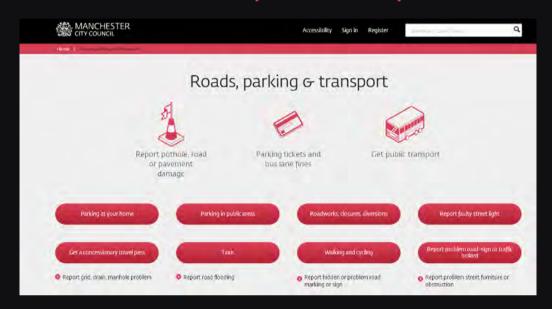


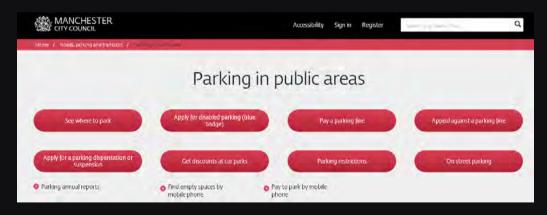




## Landing page hierarchy: AFTER

Consistency and clarity



















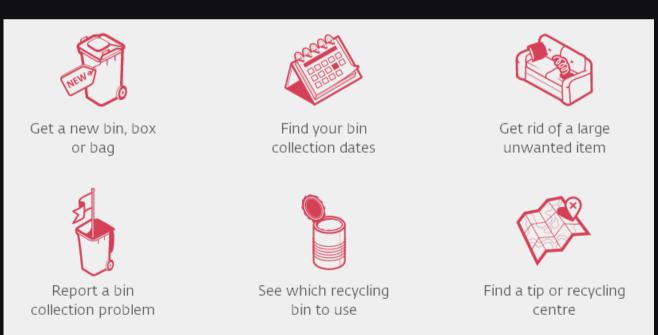






# Iconography to aid navigation

















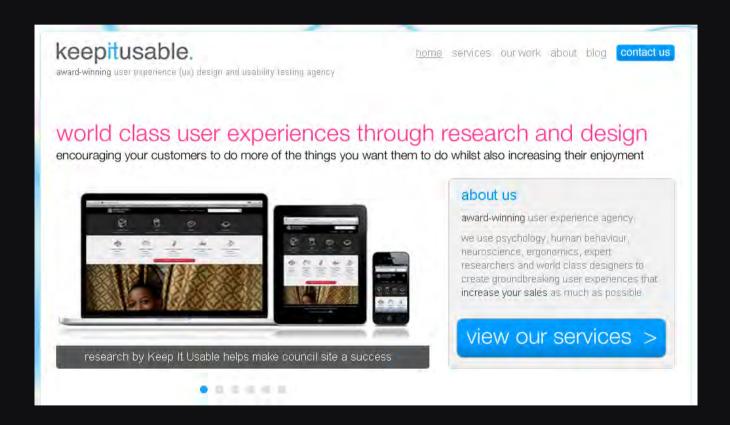






## User testing

• Tested by independent specialists, Keep It Usable





















## Video of user testing in action

 See real Mancunians testing the site before it went live, and hear their comments.

Go to: https://vimeo.com/61353968 password:

manchester



















## User testers

• "I liked how you get through to the information in two or three clicks. The information is easy to find. It's really, really simple. Ideal reading on the phone. Not too much info"

**Lindsey Ash** 

• "I like it a lot. Never been so easy to use. Well laid out. Fits well on the ipad. Things are where you'd expect them to be"

**Christy Lucas-McMillan** 



















# Keep it Usable

• "The user testing was a great success. Everyone was very positive towards the new direction and it was evident that a well designed council site improves people's perception of the council and changes their behaviour. The site was so easy and quick to use that people who traditionally always called the council said they would now use the website."

**Lisa Duddington** 

Keep it Usable



















# Accessibility testing

- User-testing run by Henshaws Society for Blind People
- Accessibility audit by Ability Net
- "The new site uses a very clear design and layout, and the responsive design also works very well. Overall the site looks very promising and should be great to use for all users, including disabled users".























## User testing

 Extensive testing, using realistic tasks, with councillors and staff at all levels.

 Feedback and comments from all testing reviewed and incorporated into next iteration.



















# Huge response from go-live



Changify @Changify

Liking the new @ManCityCouncil responsive website - hard to believe it's from a council! :) http://t.co/Zx24KTwvhb



■ GB ManCityCouncil IC\*



UsefulisUsable @UsefulisUsable

@RWD @ManCityCouncil @StuRobson Really makes me want to visit



San Marcos TX US ManCityCouncil A in reply to RWD





mattkirwan @mattkirwan

Yup! @ManCityCouncil have set the bar. Knowing councils, it's just too high. Compared to @mbrocouncil attempt (12months) ago)/ @mynameiscolin



E M Unknown ManCityCouncil







forepoint @forepoint

The new @ManCityCouncil is a great example of how focusing on what your users require massively changes a new website. #UX #UserCentric ^SB



E Munknown ManCityCouncil



















### Huge response . . .



pdjohnson @pdjohnson

Beautiful new government web site - Manchester City Council http://t.co/sjhrXjHfxm @ManCityCouncil via @gtrufitt

Manchester England GB ManCityCouncil (C)



MrShivS @MrShivS

A great council website http://t.co/YxTGfbBwDh @ManCityCouncil. Other #localgovweb teams should take note. #socitm

Midlands ZW ManCityCouncil 13



carlbembridge @carlbembridge \*

New @ManCityCouncil website is really brilliant, great job! http://t.co/f1uByC41lw

E GB ManCityCouncil €



cgkean @cgkean

@GrevsterStudios @rwd @mancitycouncil @thepaulb That's really neat. Very clean & simple & most probably mobile 1st mentality

■ GB ManCityCouncil in reply to GrevsterStudios



Armstrong @Armstrong

@jordanmoore @mancitycouncil wow... Did they not get the memo that good council websites are illegal?











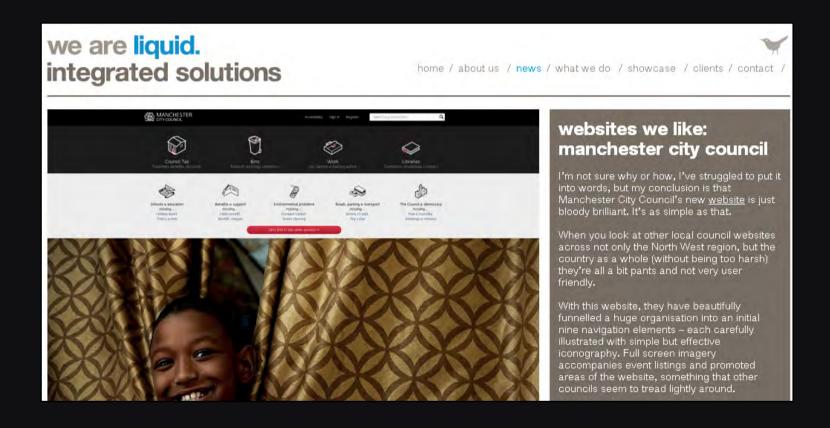








## Creating a stir in the web world





















## Creating a stir in the web world



### Council websites become more citizen-centric

We've been watching this trend with interest, and have compiled a few examples of great council websites.

### Manchester City Council

Manchester City Council recently launched a <u>fantastic new website</u>, which targets the needs of residents first. Based on research carried out by the council, the new site replaces a four-year-old version that users considered outdated and difficult to navigate, especially on mobile devices.

The council's research found that 80% of users used the site primarily to complete simple tasks, such as to request a new wheelie bin or pay a bill. Taking this on board, the new site was designed around resident services, not around the council's structure, making it easy for people to do their business fast.

A bonus of this resident-centric design is that the large icons, contrasting colours and large font make the website highly accessible, meeting government standards and, more importantly, resident needs.



















## Creating a stir in the web world



# How councils can keep up with changing online trends

Manchester council's website leads the way with responsive technology that recognises what type of device visitors are using



















### And keen interest from other authorities

From: "Dayna Slate" < Dayna. Slate@london.gov.uk>

Date: 23 May 2013 13:02:06 GMT+01:00

To: "s.tomkins@manchester.gov.uk" <s.tomkins@manchester.gov.uk>

Subject: Manchester City Council's website

### Hello

I hope this email finds you well. My name is Dayna Slate and I work at the Greater London Authority – for the Mayor of London and London Assembly. I've been reviewing your very brilliant new website, and I wanted to see if it was possible to meet with some of your team who undertook the feat to understand your process a bit better and see how you got to where you did.

Helen Adams <a href="mailto:helen.adams@bristol.gov.uk">helen.adams@bristol.gov.uk</a> 04/06/2013 17:06

To: "'webfeedback@manchester.gov.uk''' < webfeedback@manchester.gov.uk >

cc:

Subject: Learning from your approach

I am a project manager in Bristol City Council and we have been viewing your website it has been giving us inspiration. We are about to embark on a similar journey – redesign and mobile optimisation of our website, improved transactional services and the creation of a single 'My Account'. We are seeking to undertake this following 'agile' approaches rather than a single hit launch. This is new territory for us and I am seeking to understand from your experience, how long this process might take and what might be possible in a first iteration.



















# Channel shift targets

- focus on high-volume transactions eg bins, potholes
- target £500k savings by April 2014
- move 50% of high-volume transactions online
- 50% reduction in phone calls transactions
- need to change behaviour to achieve success



















# Channel shift in six months since go-live

- 18,500 new online customer accounts (6,000 in previous six months)
- Phone calls down 7%
- For **integrated** forms:
  - online transactions up 39%
  - phone transactions down 17%
  - emails down 21%



















# Shifting bins!

Proportion of bin requests online

 October 2012 25%

 April 2013 33%

 October 2013 **51%** (2300 transactions)



















## Final thoughts

- Seek senior stakeholder support
- Secure resource, not just financial
- Do your research and share your insight
- Approach the project from the ground up
- Create a solid content strategy
- Plan, test and test again
- Collaboration treat your agency like part of the team
- Don't stop at project delivery

















