



Fix My Community DemTools Manual



Introduction

FixMyCommunity is a service delivery reporting tool launched as part of DemTools, NDI's Democracy Toolkit. DemTools provides basic and easy-to-use solutions for common tech problems in the democracy and human rights space that are accessible to programs that lack funding for sophisticated software development. Of course, the right political and program factors still need to be in place, along with adequate funding for implementation and partner training. The FixMyCommunity platform was designed to enable citizens to report problems and send service requests quickly and simply to the proper authority and to enable an entity, such as a town council, political party, or citizen group, to gauge the demands on their services, report progress, and make their processes more transparent. With FixMyCommunity, you can:

- Report problems in the community, such as potholes or broken streetlamps
- Use photography to illustrate the scope of the problem
- Identify the exact location using a map interface and dropping a pin
- Send reports to the corresponding authority
- Create user accounts to make future reports more expeditiously
- Receive alerts for submitted reports via email or RSS feed based on a specified area
- View breakdowns of issues by category, status, and chronology
- Flag users for closer observation
- Block users by email address to prevent improper content submission
- Create bodies to represent entities administering local services
- Create categories to represent the responding organization
- Update statuses of reports to indicate progress made on issue
- Automatically send feedback surveys to users four weeks after initial report

submission

- View survey feedback submitted by users
- Make the service provision process more transparent as submitted reports and their status are public by default
- View all reports in your community
- Limit the geographic scope of report submissions to accurately reflect your jurisdiction
- Create user accounts for internal staff to update report statuses
- Foster civic participation and trust as citizens can help solve community problems and see feedback publicly

FixMyCommunity is based on mySociety's popular crowdsourcing tool FixMyStreet, an award-winning website that makes it easy to report local problems from a computer or smartphone. A site can be based on categorical areas, such as community housing, crime, or trash pickup, or areas with a responsible managing body, such as a municipal area governed by a city council or an elected official's district. FixMyCommunity then tracks the issue's location and category and sends a report to the department or body responsible for fixing it. The tool doesn't just send problem reports—FixMyCommunity also makes the reports visible to everyone. Anyone can see past reports, leave updates, or subscribe to alerts. Additional features on the platform foster communication with authorities who are actually fixing the reported problems. Finally, FixMyCommunity creates an atmosphere of civic participation, where citizens can experience a direct pathway for expressing grievances and making inquiries to the local government.

This user manual provides an overview of the FixMyCommunity application and instructions for

institutions to manage their reporting infrastructure and database. It is designed to provide a basic starting point for groups interested in FixMyCommunity; it is not meant to be comprehensive and may not be up to date with the most recent changes. For the authoritative guide to parent project FixMyStreet, please see the official documentation.

Getting Started

When beginning to work with FixMyCommunity, it's important to think about your goals for using the tool and what outcomes you would like to see happen. What sorts of public services or community problems do you want FixMyCommunity to address? Is improving citizen participation or the transparency of public service delivery important? What is your geographic jurisdiction?

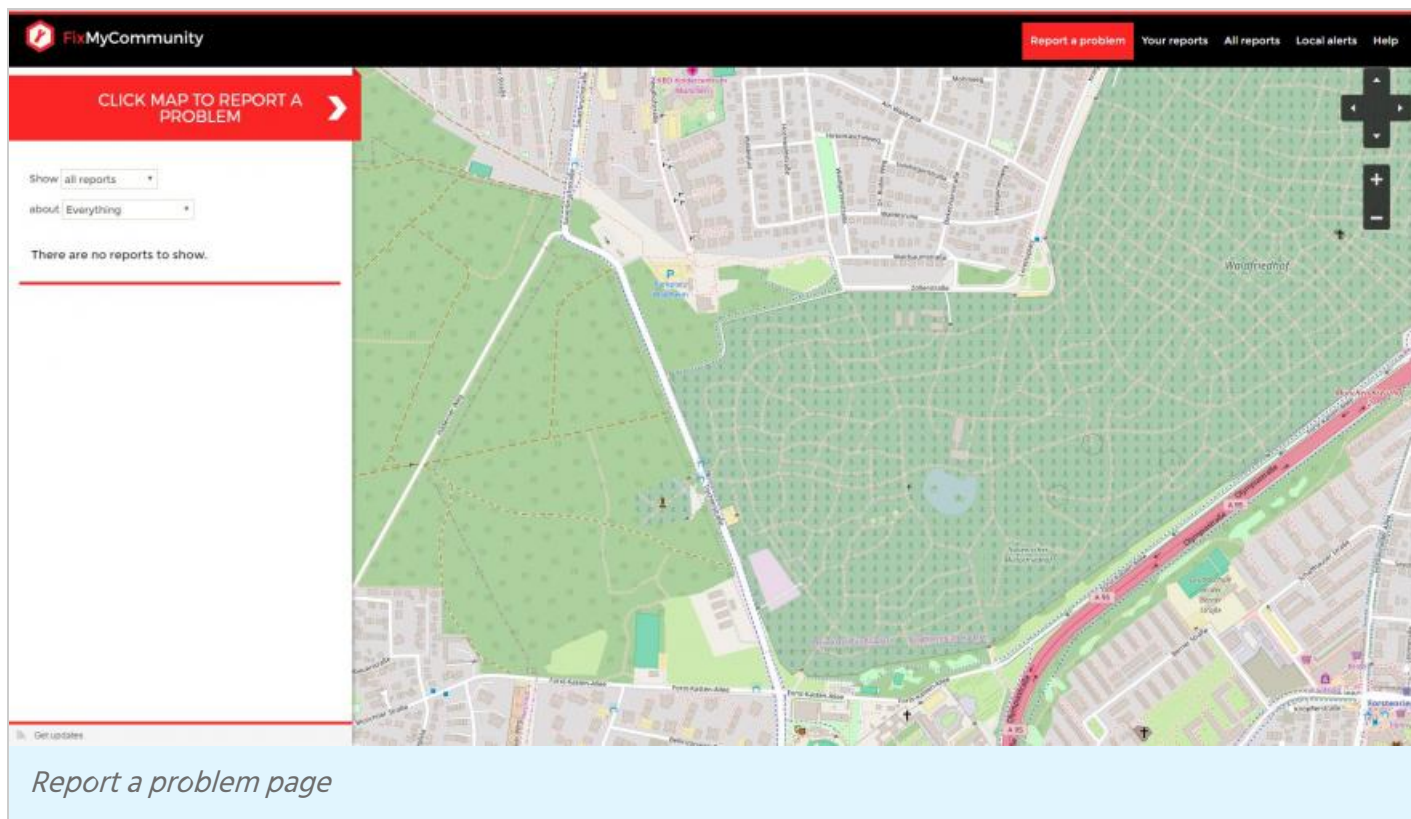
Answering these questions is essential for deploying and customizing FixMyCommunity so you can tailor the site's functions and your communication around the tool and to meet your objectives and your community's needs. Building clear metrics for your goals is key and will inform your customization, deployment, and communication regarding the platform. Identify the exact geography you want to cover and clearly define what your goal is for using FixMyCommunity (providing services, tracking faults, etc.), as well as those of subsidiary bodies (i.e., public works, sanitation, crime prevention). In order to maximize public satisfaction, this information must be explicitly defined and communicated.

The End User Experience

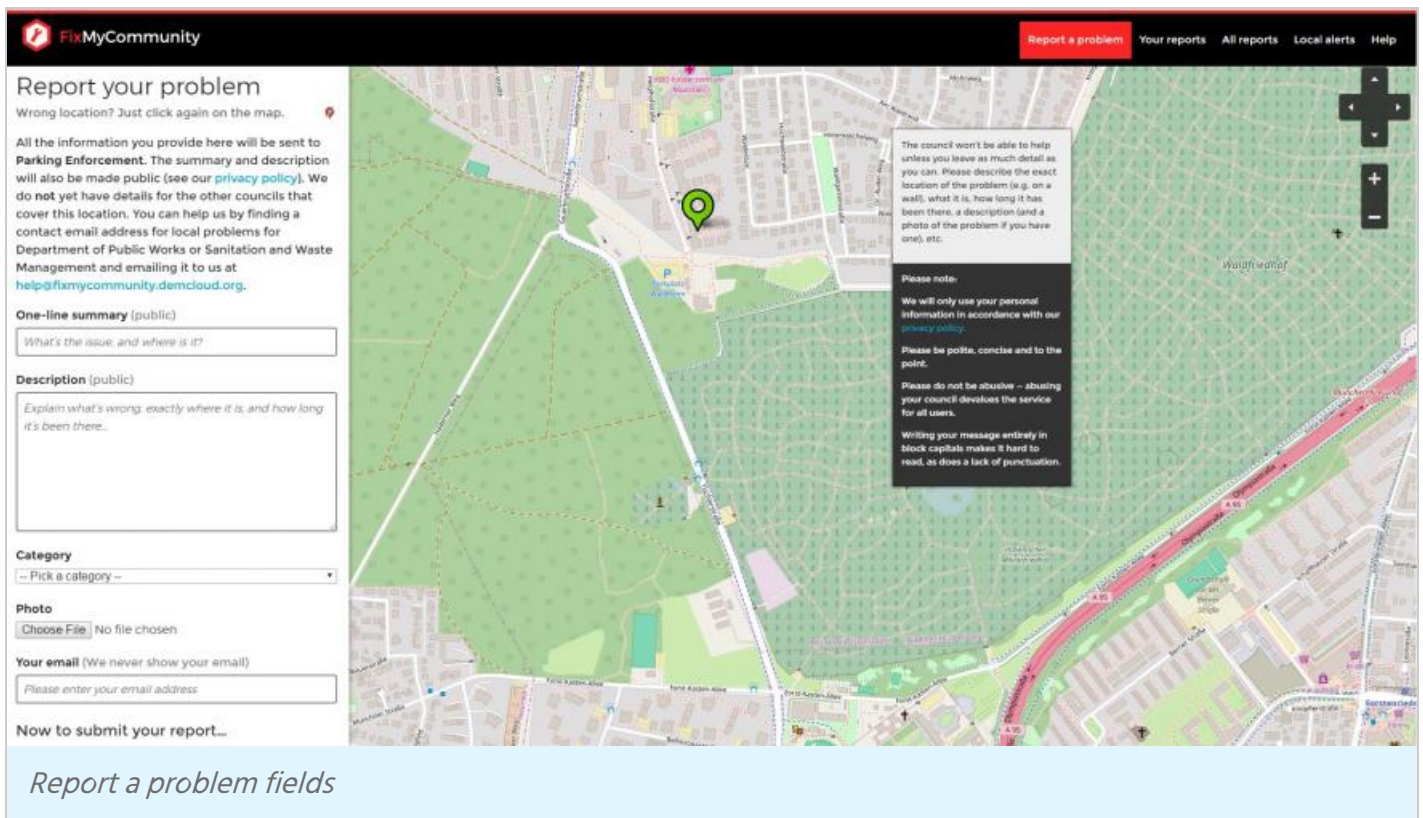
The screenshot displays the FixMyCommunity homepage. At the top, there is a navigation bar with the FixMyCommunity logo and links for 'Report a problem', 'Your reports', 'All reports', 'Local alerts', and 'Help'. The main heading is 'Report, view, or discuss local problems', followed by a sub-heading '(like graffiti, fly tipping, broken paving slabs, or street lighting)'. Below this is a form to 'Enter a nearby street name and area:' with a text input field containing 'e.g. 'High Street' or 'Main Street'' and a red 'GO' button. A link below the input field says '...or locate me automatically'. The page is divided into two columns. The left column, 'How to report a problem', lists four steps: 1. Enter a nearby street name and area, 2. Locate the problem on a map of the area, 3. Enter details of the problem, and 4. We send it to the council on your behalf. The right column, 'Recently reported problems', shows a list of reports, with the first one being 'Pothole outside the metro' with a timestamp of '17:40, 3 Dec 2015' and a small image of a pothole. At the bottom, there are three statistics: '0 reports recently', '0 fixed in past month', and '0 updates on reports'. The footer contains the text 'Homepage'.

The end user for FixMyCommunity is the individual who identifies problems and

submits reports through the tool. Reports of problems are submitted from the homepage shown above or clicking the “Report a problem” link in the top-right corner. The next step is to specify a location for the issue, either by using automatic location through your web browser or typing in address information.



Users then specify the exact location of the issue by clicking on the map, placing a pin at the precise latitude and longitude.



Once the user has specified the location, a form appears at left to provide details of the issue.

Organizing your Data

Using FixMyCommunity to streamline your community's service reporting is straightforward. The first step of building your site is understanding the basic terms and concepts of the platform. These terms will be explained in larger detail further in the manual, but here is an informative glimpse into the organizational structure.

- **Bodies** - Bodies are the authorities that receive the reports submitted by the public to FixMyCommunity. These can be government entities, private corporations, public works departments, or whomever is supposed to receive the information.
- **Categories** - These are subsets of bodies that specifically handle the issues and are typically labeled as what they address (i.e., "Potholes" or "Litter"). Email addresses are assigned to categories, creating the channel of communication, and are used with the area to identify the specific point of contact.
- **Reports** - These are the individual logs of problems submitted by the end users, the public. Once confirmed by the user, these are published to the public site, unless marked hidden by the administrator directly or via the category's setup. Reports can contain a photograph and always contain a user's name and email, which may remain unpublished at the user's choice, but will still be received by FixMyCommunity.

- **Surveys** - After users submit reports, they'll receive surveys requesting feedback four weeks after they submit a report. The surveys collect data on performance of the bodies, which will be summarized on the surveys page.
- **Users** - There are two kinds of users: public and internal. Public accounts are created whenever a user submits a report, are denoted by the given email address, and may have an associated password. Administrators may alter the details of public accounts. Internal accounts are assigned to the bodies and are created for their staff.

For a further description of each of these concepts, please see the corresponding sections of the [FixMyStreet Administrator Manual](#).

Customizing FixMyCommunity

There are five key areas for customizing your FixMyCommunity site: the site's configuration, design elements, language, behavior patterns, and information like the FAQ and privacy statement. To begin customizing, the first step is establishing a cobrand, the mechanism that allows you to change FixMyCommunity from its default configurations. For simplicity's sake, it is strongly recommended to maintain continuity between the name of your site and the cobrand's directory name. NDItech can build your cobrand for you, if desired.

Some basic customization options of FixMyCommunity are below. Please note that none of these require knowledge or use of FixMyCommunity's programming language Perl, but do require some system administration expertise and code editing.

- [how to translate or change FixMyStreet's language](#)
- [how FixMyStreet assigns reports to bodies](#)
- [how to customise the geocoder](#)
- [how to change the design](#)
- [how to customise templates](#)
- [how reports are sent by FixMyStreet](#)
- [all the config settings](#)

mySociety, the originators of this platform, suggest the following 13 steps for basic customization:

- Pick a name
- Register a domain name
- Translate into needed languages
- Install software on host server
- Lock access to the admin portal

- Change color scheme as desired
- Change logo as desired
- Write and post the FAQ, privacy statement, and about page
- Confine geocoder lookups to your area of coverage
- Configure the administrative boundaries for each body
- Configure non-default settings (email domain, example names, etc.)
- Create the bodies
- Add categories with email addresses

Here are directions for customizing your site's [template](#) and the site's [appearance](#). Further customization of your cobrand will require writing custom Perl code for your site.

Assigning reports to bodies

When a user places a pin on the map, FixMyCommunity will send the geocoded latitude and longitude of the pin to MapIt (interactive mapping software) to identify the areas that contain the pin. FixMyCommunity will then identify the bodies attached to the geographic area that you've defined, as well as the corresponding categories and contacts. This process will require your FixMyCommunity platform to connect to MapIt to identify the correct administrative boundaries.

Integration of FixMyCommunity

Integrating your platform with your service delivery system's database is highly recommended. While no integration will still allow the platform to send emails as normally, the experience and usability for staff notably improve with integration. The process is, of course, dependent on the nature of your local system and its cooperation with FixMyCommunity.

There are four levels of integration, with increasing levels of benefit for your administration of the platform.

- 0. No integration (default) - reports are sent via email
- 1. Reports are directly injected into the back end
- 2. Status changes on the back end are published on FixMyCommunity
- 3. Problems created on the back end are public on FixMyCommunity

More details on integration and its levels are available [here](#).

Defining your administrative boundaries

To enable problem reporting, the geographic area you are covering for reports must be created in the site. When reporting an issue, users provide an exact location which is mapped and allows FixMyCommunity to check the boundaries and determine the correct reporting body. FixMyCommunity uses MapIt to define the area and will determine the corresponding body and available categories for the report based on the given location.

If you're sending reports to a local government department, the administrative boundary data may already exist thanks to [OpenStreetMap](#), a company that collects geospatial data and makes it freely available. With OSM, simply identify the areas you need covered, tell FixMyCommunity to ignore the rest, and your information should populate. If your area doesn't have OSM data available, you'll need to create your own boundary data for the platform.

Every body you create must have an assigned area and you must submit the corresponding bodies to FixMyCommunity for the tool to function. With this complete, bodies can be assigned to the areas in their creation or editing with a simple drop-down selection.

By default, the administrative boundaries are not visible on the map, but this may be adjusted with some customization.

Using FixMyCommunity

Using and administering FixMyCommunity is a cinch. It is recommended that you use one administrator to operate the site, who'll spend fifteen minutes to an hour per day on user support.

Adding a body

Now, you must create the body that will receive the submitted reports. This can be a town council, a sanitation department, or even a contractor. Name the body appropriately, select a parent organization if it applies, select the area covered and send method, then add the body.

FixMyCommunity admin: [Summary](#) | [Bodies](#) | [Reports](#) | [Timeline](#) | [Survey](#) | [Users](#) | [Flagged](#) | [Stats](#) | [Configuration](#)

Bodies

As this is a staging site and `SEND_REPORTS_ON_STAGING` is false, reports made on this site will be sent to the problem reporter, not the contact given for the report's category.

Name	Summary	Deleted
Department of Public Works	No categories, reports will not be sent	

Parking Enforcement, Department of Public Works	2 addresses	
Sanitation and Waste Management, Department of Public Works	No categories, reports will not be sent	

Add body

Add a **body** for each administrative body, such as a council or department to which problem reports can be sent. You can add one or more contacts (for different categories of problem) to each body.

Name

Parent

-- Select a body --

Area covered

-- Select an area --
Everywhere

External URL

Flag as deleted

Send Method

Add a body page

Adding a category

Categories provide the actual channel for the report to follow and are typically marked by the problem they address. They can be "Potholes" or "Graffiti" and must have an email address and note attached. The email address given will be the contact address for the responding authority and the note is for the admin's use and convenience. Different categories may have the same email address. Note that these categories can be marked private, which means all reports submitted in this category will not be published to the site but will still be received by the site administrator.

Council contacts for Parking Enforcement

Area covered: [Everywhere](#)

[List all reported problems](#) | [Text only version](#)

As this is a staging site and `SEND_REPORTS_ON_STAGING` is false, reports made on this site will be sent to the problem reporter, not the contact given for the report's category.

Category	State		Last editor	Note	Confirm
Hospital Service Problem evan@dem.tools	Confirmed: Yes Deleted: No	Private: No Devolved: No	0 2016-10-24 12:09:44	Problems with local medical facility! Thanks for reporting.	<input type="checkbox"/>
Parking Meters Parking.Meters@example.com	Confirmed: Yes Deleted: No	Private: No Devolved: No	0 2016-10-24 12:08:42	Confirmed	<input type="checkbox"/>

UPDATE STATUSES

Each contact for the body has a category, which is displayed to the public. Different categories **can have the same contact** (email address). This means you can add many categories even if you only have one contact for the body.

Add new category

Category:

Email address:

Confirmed

Deleted

Note:



Add a new category page

Viewing and editing reports

From this screen, you can view all submitted reports, search for specific ones, and edit them accordingly. When editing a report, you can view all of the relevant information, including the location, submitter, and its status. The ticket can be edited for content, flagged for observation, set to private, which will remove it from public viewing, and have its status updated via a dropdown menu. Additionally, the user can be flagged or banned via this screen.

Editing problem 8

▪ [View report on site](#)

▪ **Subject:**

Bad Hospital 

▪ **Details:**

Hopsital has no water running!

▪ Co-ordinates: [0.432246, 33.204139](#) (originally entered: "", used map)

▪ Body: [Parking Enforcement](#) (other areas: 161)

▪ State:

▪ Category: Hospital Service Problem

▪ Anonymous:

▪ **Name:**

Evan S

Editing a problem page

When editing a report, you'll see that it has several statuses that you can select from to provide updates. There are four categories of reports (Open, Closed, Fixed, and Hidden), each with corresponding statuses. Below is an explanation of the individual statuses:

Open

- Open - the report has been submitted and published
- Investigating - the body acknowledges the problem and is investigating it
- Planned - the body has created a course of action for addressing the problem
- In progress - the problem is being actively resolved by the body
- Action scheduled - the body has determined a future time/date for resolving the problem

Closed

- Unable to fix - the problem cannot be resolved
- Not responsible - the body doesn't bear responsibility for resolving the problem
- Duplicate - the report already exists in the system
- Closed - the report has been closed by the admin
- Internal referral - for internal usage

Fixed

- Fixed - the problem has been fixed
- Fixed - User - a citizen-user identified the problem as fixed
- Fixed - Council - the body has identified the problem as fixed

Hidden

- Hidden - the report has been hidden from public viewing
- Partial - the report submitted is incomplete
- Unconfirmed - the report has been submitted, but not confirmed

Survey results

On this screen, you can view the output from surveys sent to people submitting reports. Keep in mind these surveys are sent four weeks after the report's initial submission. This information can be used for media or accountability purposes.

Managing users

User accounts are identified by their email addresses and names, but only the name is published on the site. Users not conforming to content standards may be flagged for closer observation and blocked by their email addresses if deemed necessary. Users can only mark reports as *fixed*.

Some bodies will want to assign their own staff to facilitate their use of FixMyCommunity. The site administrator can do this by searching for the user by name and email address and assigning them to the body. Staff users can hide abusive reports, for body-specific summary statistics, and edit the status of reports to more than fixed or open, such as *investigating* or *in progress*.

Stats

This page enables the administrator to view a compilation of the reports by status and the body to which they were submitted, all within a specified date range.

Configuration

The configuration page shows you the live configuration feeding your site. Here, you'll find information about your cobrand and particular settings that affect your site and its functionality. For more information on this page, click [here](#).

Handling abuse of FixMyCommunity

There are three primary forms of reports that abuse the platform: obscene/illegal, spam, and nonsense. The best method for handling the abuse should be established during the platform's development and subsequently published to maintain consistency and develop legitimacy with the community you're serving. Please be sure to check the content liability laws in your community to identify the best practice for moderating the content of your website.

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