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DELIVERABLE 6.6

PIM Toolkit 3: GMP Tool





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PIM Toolkit 3: GMP Tool

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Authors

Julia Hall, GMP
David Maher, GMP
Benjamin Harrison, GMP
Prof. Caroline Davey, USAL
Andrew Wootton, USAL

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CONTRIBUTORS

NAME	ORGANISATION
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PEER REVIEWS

NAME	ORGANISATION
ADVISORY BOARD MEETING, JANUARY 2020	CCI PROJECT

REVISION HISTORY

VERSION	DATE	REVIEWER	MODIFICATIONS
1	25/02/2020	USAL	'NEXT STEPS' ADDED
2	27/02/20	USAL	REPORT UPDATED

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1 Introduction

This document presents the GMP tool for Toolkit 3 on CP-UDP

- GMP Toolkit Specification
- GMP PowerPoint presentation to the Advisory Board in January 2020

2 Current concept name

ProMIS

Crime Impact Statement (CIS) **Project Monitoring & Impact Support**

3 Concept background (the problem)

- Design for Security (DfS) is a team within Greater Manchester Police (GMP) that provides security and crime prevention consultation and assessment of built environment design proposals — Crime Impact Statements (CIS). The CIS is a requirement for developments seeking planning approval for 'major projects' in Greater Manchester
- The value of the work of Design for Security (DfS) — and crime prevention generally — is not well understood or appreciated by senior managers (or other uniformed officers) within GMP
- Senior GMP management are increasingly seeking to base decision-making upon evidence of impact
- There is a lack of data on which to make assessment of the impact of DfS Crime Impact Statement (CIS) projects
- While direct impact is difficult to attribute to the CIS service, aggregated data collected over time can provide correlation with changes in crime data
- Developing such a database useful in such impact assessment requires particular attributes of CIS project work to be recorded

4 Concept description (the solution)

The ProMIS toolkit incorporates a number of elements:

A system for recording the details of CIS projects that:

- Enables the ongoing management and delivery of CIS projects to clients
- Develops a dataset from which the impact and benefit can be assessed of: (i) DfS; and of (ii) the CIS process of engaging in urban crime prevention to the police and relevant stakeholders

The ProMIS toolkit will supplement / update the existing 'Portal' IT system used by DfS for tracking CIS jobs.

The ProMIS toolkit will enable the assessment of DfS impact on a business cycle basis (i.e. monthly; quarterly; annually) and will provide analysis at the district level (or smaller, if feasible) and support the generation of visual data (graphs; tables; maps) that support communication of this assessment.

The ProMIS toolkit will correlate different characteristics of CIS projects with changes in crime levels and other policing issues (e.g. Incidents; call outs; etc.). Such characteristics might include:

- Building type and use
- Extent to which CIS recommendations are met (or not met)
- 'Secured by Design' accreditation achievement (or not)
- Stage in design process at which CIS /crime prevention advice was provided
- Site geolocation data (for GIS mapping)
- Other

In addition, the ProMIS toolkit will enable GMP to gain an overview of urban development in Greater Manchester, especially with regard to the growth and development of new communities, and their impact on future policing priorities and infrastructure needs. Data to support this assessment will include:

- Building type and use
- Dwelling numbers (from which community size might be extrapolated)



- Site geolocation data (for GIS mapping)

The ProMIS toolkit will enable GIS mapping to support longer term tracking of historic CIS projects in geographic context (i.e. mapping CIS projects) and urban development and its potential impact on future policing needs / resourcing strategy.

5 Focus of the toolkit concept

- That internal support from senior manager (and other uniformed officers) will be forthcoming if evidence of impact can be provided
- That valid correlations / associations between characteristics of CIS projects and crime incident levels (at the beat or district level) can be drawn from a dataset accumulated over time
- That the intervention of DfS Consultants in the design development process can increase the attention given by architects, developers and planners to addressing security issues (including environmental crime prevention issues)
- That early intervention in the design process (i.e. at the concept development stage) increases the integration and quality of design-led crime prevention within the building design
- That insight from knowledge of what projects are in the planning stage can inform police decisions on future force deployment and infrastructure strategy
- That different stakeholders would benefit from understanding the impact of the CIS process (e.g. senior GMP managers; local authority planners; the Manchester architecture community; etc.)

6 Who is the toolkit for?

The toolkit will be used on a day to day basis by the Design for Security team, specifically:

- The DfS Administrator (one person)
- The DfS Consultants (five persons)
- The DfS Manager (one person)
- The DfS Assistants (two persons)
- The DfS Analyst (one person)

In addition, the ProMIS toolkit will provide benefit to:

- Senior GMP police officers
- Local authority planners
- Architects (i.e. education)
- Greater Manchester Combined Authority

7 What are the components/elements that make up your toolkit?

- ProMIS database system (intranet-based) to manage ongoing CIS projects
- Process map detailing the CIS delivery and how the ProMIS system integrates with this
- Training in using the ProMIS system
- Protocol and format for generating impact reports for different stakeholders
- Implementation / demonstration plan
- Communication strategy

8 How is the toolkit used?

- Better understanding of the impact of the CIS on police 'demand'
- Increased understanding of the value of crime prevention through urban design and planning by senior police managers
- Improved understanding of the purpose and role of Design for Security, and of the Crime Impact Statement process of planning engagement
- Improved understanding of the value of CP-UDP and the CIS service by other stakeholders (e.g. local planning authorities; architects; developers)
- Improved understanding by police senior managers of urban development plans, and the consequent potential impact on policing. This knowledge can inform strategic policing decisions

9 What change will the toolkit create?

- Ability for the ProMIS toolkit to engage with existing GMP police IT system(s)
- Modified information on CIS projects required to be input
- Potential new ways of working / managing the CIS process within DfS
- Criteria for crime prevention measures incorporated (or missing) from the development

10 What is needed to enable this concept to work?

- Ability for the ProMIS toolkit to engage with existing GMP police IT system(s)
- Modified information on CIS projects required to be input
- Potential new ways of working / managing the CIS process within DfS
- Criteria for crime prevention measures incorporated (or missing) from the development

11 Feedback from Advisory Board

- How will the Toolkit visualize data? Might GIS maps be used to communicate crime data and, if so, how might GIS data be better communicated?
- How will a benchmark or performance standard be established? Jaap de Waard (Advisory Board member) can share with DfS a scientific evaluation of the impact of new standards in building design on crime levels in the Netherlands. Jaap would also be happy to support GMP and USAL in identifying measures / sets of indicators
- What additional data will be collected via the Toolkit? From an ethical point of view, collection of additional data needs to be justified and any data protection issues must be identified and addressed

12 Next steps – March to September 2020

Identify requirements as follows:

12.1 Technical requirements

- What system(s) might be supported?
 - Microsoft Access?

- What GIS systems are supported?
 - ARC GIS?
 - MapInfo Professional?
 - Other? (e.g. Google Maps; Google Earth)

- What permissions are required?
 - When? And from whom?

- When is the current system being deprecated / turned off?
 - Are there any other plans for a replacement?

12.2 User requirements

- What is the process of using the current system?
 - Develop a process map showing all the stages of use

- How will impact evaluation fit into the use process?

- What will be the impact measures / factors that are captured by the system?

12.3 Demonstration requirements

- How / when will the toolkit be demonstrated?
 - Develop draft plan for demonstration of toolkit

12.4 Key actions & dates

March 2020

- Redo process map – DfS with support from USAL.
- Review potential new GMP IT system, Iken – DfS and USAL
- DfS to begin to identify a maximum of 12 items of most value to measure.
- Develop a Brief / Specification.
- DfS and USAL to meet with GMP's IT department to present the Brief / Specification for the Tool and discuss support from GMP

April 2020

- Discuss Brief / Specification with LOBA and consider whether additional support might be provided by a Salford student or intern.
- DfS and USAL to identify a maximum of 12 items of most value to measure, with support from Advisory Board members

July to September 2020

- Organise demonstration
- Deliver demonstration in September 2020

12.5 Issues

System should link to RIBA Plan of Works – buy-in required for this from DfS Consultants and local authority planners.

13 Appendix



ProMIS

CRIME IMPACT STATEMENT (CIS)
PROJECT MONITORING &
IMPACT SUPPORT



GREATER MANCHESTER
POLICE



design + security

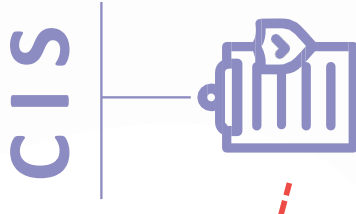
Crime Impact Statement (CIS) Project Monitoring & Impact Support

Background

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designforsecurity

- Assessment of built environment design proposals
- Crime prevention and security consultation



Planning advice & support for 'major projects'



Problem

Value of
DFS & CIS

Decision-making
based on CIS

Lack of data to
support the CIS

Direct impact is
difficult to attribute
to the CIS service

Data collected over time
can provide correlation
with changes in crime data

Create a database to
capture & assess
particular elements of a
CIS report

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Solution

ProMIS



System for recording the details of CIS projects

- Enables the ongoing management and delivery of CIS projects to clients
- Develops a dataset from which the impact and benefit can be assessed of:
 - (i) DfS;
 - (ii) The CIS process of engaging in urban crime prevention to the police and relevant stakeholders.



Supplement / update the existing 'Portal' IT system



Enable the assessment of Dfs impact on a business cycle basis

- Business cycle analysis at the district level
- Support the generation of visual data



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Solution



Correlate different characteristics of CIS projects with changes in crime levels and other policing issues

- Building type and use
- Extent to which CIS recommendations are met (or not)
- Secured By Design accreditation achievement (or not)
- Stage in design process at which CIS /crime prevention advice was provided
- Site geolocation data (for GIS mapping)
- Other



Enable GMP to gain an overview of urban development in Greater Manchester

Data to support this assessment will include:

- Building type and use
- Dwelling numbers
- Site geolocation data (for GIS mapping)

ProMIS



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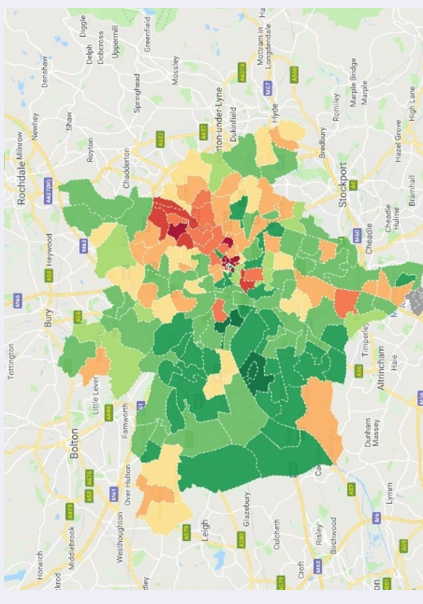
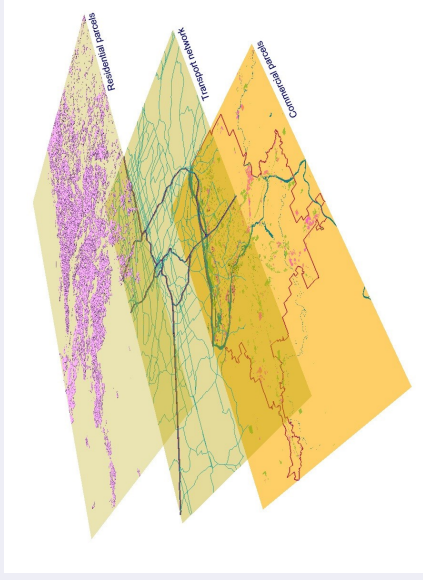
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Solution



PromIS

- GIS mapping to support and track CIS project
- Highlight the geographic context and urban development
- Potential impact on future policing needs



Key Ideas

1 – Early stage



That early intervention in the design process (i.e. at the concept development stage) increases the integration and quality of design-led crime prevention within the building design.

2 – Design process



That the intervention of Dfs Consultants in the design development process can increase the attention given by architects, developers and planners to addressing security issues (including environmental crime prevention issues).

3 – Detailed database



That valid correlations / associations between characteristics of CIS projects and crime incident levels (at the beat or district level) can be drawn from a dataset accumulated over time.

4 – Internal support



That internal support from senior manager (and uniformed officers) will be forthcoming if evidence of the CIS impact can be provided.

5 – Resourcing



Insight from knowledge of what projects are in the planning stage can inform police decisions on future force deployment and infrastructure strategy.

6 – Stakeholder



Different stakeholders would benefit from understanding the impact of the CIS process (e.g. senior GMP managers; local authority planners; the Manchester architecture community; etc.)



Who is the toolkit for?

Design for Security Team:

Dfs Administrator



Dfs Consultants



Dfs Manager



Dfs Assistants



Dfs Analyst



Benefit to:



Senior GMP police officers



Local authority planners



Architects

GMCA
GREATER
MANCHESTER
COMBINED
AUTHORITY

Greater Manchester Authority



ProMIS

ProMIS database system
(intranet-based) to manage
ongoing CIS projects

Process map detailing the CIS
delivery and how the ProMIS
system integrates with this

Protocol and format for
generating impact reports for
different stakeholders

Toolkit Components

Training in using the
ProMIS system

Communication
strategy

Implementation /
demonstration plan



How is the toolkit used?

- 01** Data will be recorded about each CIS project that can be used to support impact assessments.
- 02** The Administrator adds data on project features to the system.
- 03** Clients are asked to provide geolocation data for development sites.

- 04** DfS Consultants record the stage in the development process in which they are involved.
- 05** DfS Assistants provide data on extent to which recommendations of CIS are implemented in final design proposal submitted for planning approval.
- 06** Secured By Design award status is recorded, as appropriate.

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What changes will it create?

ProMIS



Better understanding of the impact of the CIS on police 'demand'



Increased understanding of the value of crime prevention through urban design and planning by senior police managers



Improved understanding of the purpose and role of Design for Security, and of the Crime Impact Statement process of planning engagement



Improved understanding of the value of CP-UDP and the CIS service by other stakeholders (e.g. local planning authorities; architects; developers).



Improved understanding by police senior managers of urban development plans, and the consequent potential impact on policing.



What is needed to work?



Ability for the ProMIS toolkit to engage with existing GMP police IT system(s)



Modified information on CIS projects required to be input



Potential new ways of working / managing the CIS process within Dfs



Criteria for crime Prevention measures incorporated (or missing) from the development

ProMIS



THANK YOU

David Maher

Julia Hall



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CRIME IMPACT STATEMENT (CIS)
PROJECT MONITORING &
IMPACT SUPPORT



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DSP



university of
 groningen



POLITIE



Greater Manchester
POLICE



Estonian Police and Border Guard Board



LANDESKRIMINALAMT
NIEDERSACHSEN



Generalitat de Catalunya
**Departament
d'Interior**



DPT-i
Institut für angewandte
Präventionsforschung



European
Union
Horizon
Security



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