

I dati open sul portale GeoSmartCity

Piergiorgio Cipriano



Impianti

Impianti/Centrali termiche comunali

>> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-heat-generator>

Impianti/Contatori elettrici comunali

>> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-electricity-meters>

Impianti/Impianti fotovoltaici GSE

>> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-solar-panels>

Impianti/Impianti rinnovabili comunali

>> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-renewable-energy-installations>

Unità energetiche comunali

UE/Anagrafica >> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-main-use>

UE/Etichetta Energetica >> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-energy-labels>

UE/Consumi elettrici >> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-electrical-consumption>

UE/Consumi termici >> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-heat-consumption>

UE/Stima emissioni CO₂ >> <http://hub.geosmartcity.eu/catalog/dataset/municipal-energy-units-in-reggio-emilia-co2-estimated>

Edifici del territorio

Edifici/Consumi elettrici >> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-electricity-consumption>

Edifici/Consumi termici >> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-heat-consumption>

Edifici/Stima emissioni CO₂ >> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-co2-estimated>

Edifici/Etichetta energetica >> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-energy-label>

Edifici/Uso prevalente >> <http://hub.geosmartcity.eu/catalog/dataset/buildings-in-reggio-emilia-main-use>

Dati open ... ma anche 'armonizzati'

SHP, XLS, CSV,
ORACLE, POSTGIS, ...

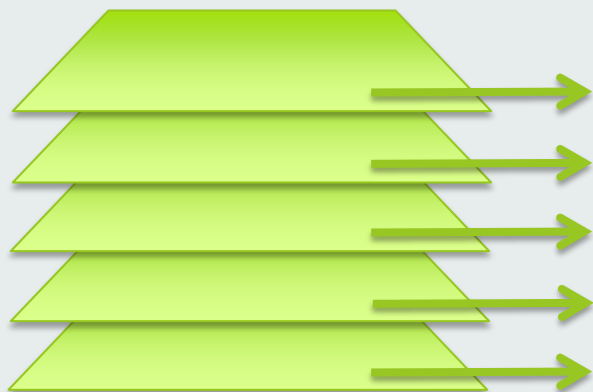


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<bu-base:value uom="meter">8.0</bu-base:value>
</bu-base:HeightAboveGround>
</bu-base:heightAboveGround>
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<base:namespace>http://www.municipio.re.it</base:namespace>
</base:Identifier>
</bu-base:inspireId>
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<bu-base:percentage>100</bu-base:percentage>
</bu-base:CurrentUse>
</bu-base:currentUse>
<bu-base:numberOfDwellings>1</bu-base:numberOfDwellings>
<bu-base:numberOfFloorsAboveGround>2</bu-base:numberOfFloorsAboveGround>
<bu-core2d:geometry2D>
<bu-base:BuildingGeometry2D>
<bu-base:geometry>
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<gml:LinearRing>
```



Dati open ... ma anche 'armonizzati'

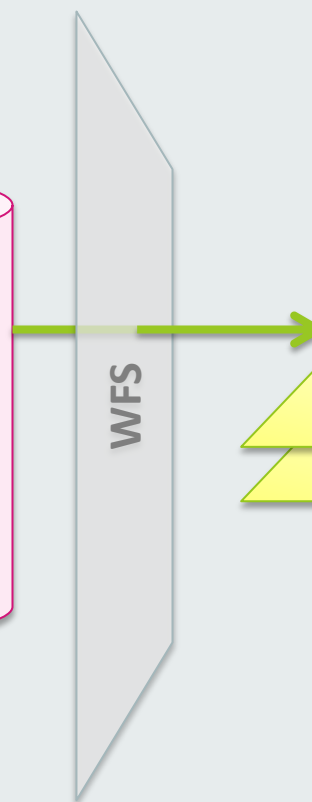
SHP, XLS, CSV,
ORACLE, POSTGIS, ...



'BUILDINGS'
SQL for
Oracle / PostGIS
(tables, codelists,
constraints)



WFS



Dataset INSPIRE
compliant

```
CREATE TABLE conversion (
    classid varchar(70) NOT NULL,
    input varchar(80) NOT NULL,
    location varchar(80),
    output varchar(80) NOT NULL,
    value double precision NOT NULL,
    year date
);

--
-- CREATE TABLE: buildings
-- Rappresenta la classe: Buildings - BUILDINGS
--

CREATE TABLE buildings (
    classid varchar(70) NOT NULL,
    buildingtype varchar(80),
    condition varchar(80) NOT NULL,
    connection_electricity char(1) ,
    connection_gas char(1) ,
    connection_sewage char(1) ,
    connection_thermal char(1) ,
    connection_water char(1) ,
    date_c_beginning numeric(15,0) ,
    date_c_end numeric(15,0) ,
    date_r_beginning numeric(15,0) ,
    date_r_end numeric(15,0) ,
    dist_floor varchar(40) NOT NULL,
    elev_ref varchar(80),
```

Buildings in Reggio Emilia - Electricity consumption

Followers

0

Organization



Comune di Reggio-Emilia

The Municipality of Reggio Emilia, with a population of more than 170,000



Dataset



Groups



Activity Stream



Related

Buildings in Reggio Emilia - Electricity consumption

This dataset has been generated in the context of GeoSmartCity project by the Municipality of Reggio nell'Emilia, based on different background data sources already available in the Municipality itself or from other external authoritative sources. Data about electrical consumption of buildings ranges from 2008 to 2014 and have been collected from the National Tax Agency (SIATEL).

Data and Resources



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preview WMS

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XML Metadata

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Additional Info

Field	Value
Last Updated	February 12, 2017, 19:35
Created	February 12, 2017, 18:00
Resource type	Dataset
Resource identifier	Reggio:Buildings-in-Reggio-Emilia---Electricity-consumption
Resource language	eng
Topic category	Planning, Cadastre
Keywords	Free • GeoSmartCity, Reggio, foreground, cadastre, energy, electricity, consumption GEMET - INSPIRE themes, version 1.0 • Buildings
Geographic bounding box	10.49 44.62 10.77 44.78
Reference date	creation: 2014-12-31
Lineage	The footprints of buildings is based on the Municipal Register of Buildings (Anagrafe Comunale Immobili) with more than 33,000 buildings represented. Data about electricity consumption is derived from the National Tax Agency (SIATEL) with raw data at user level aggregated and anonymized at building level. Data from SIATEL have been geocoded at address, and then joined to correspondent buildings; absolute values have been further normalized/weighted by

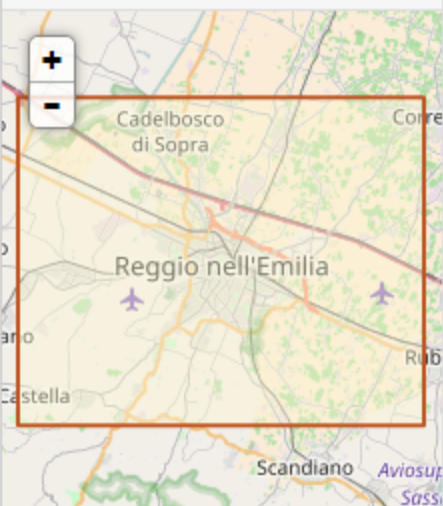
Social

 Google+

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Dataset extent



Map data © [OpenStreetMap](#) contributors

Map tiles & Data by OpenStreetMap, under CC BY SA.

<http://hub.geosmartcity.eu/catalog/en/dataset/buildings-in-reggio-emilia-electricity-consumption>

	so to guarantee privacy issues.
Spatial resolution	1: 5000
Specification	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services Pass: no
Licence	https://creativecommons.org/licenses/by/4.0/
Access constraints	No limitations for public access
Responsible party	Comune di Reggio Emilia - Servizio Sistemi Informativi nadia.ferrari@municipio.re.it role: Contact point
Metadata contact	Comune di Reggio Emilia - Servizio Sistemi Informativi nadia.ferrari@municipio.re.it role: Contact point
Spatial reference system	http://www.opengis.net/def/crs/EPSG/0/3003
Metadata ID	Reggio:2017-02-12T190446

	so to guarantee privacy issues.
Spatial resolution	1: 5000
Specification	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services Pass: no
Licence	https://creativecommons.org/licenses/by/4.0/
Access constraints	No limitations for public access
Responsible party	Comune di Reggio Emilia - Servizio Sistemi Informativi nadia.ferrari@municipio.re.it role: Contact point
Metadata contact	Comune di Reggio Emilia - Servizio Sistemi Informativi nadia.ferrari@municipio.re.it role: Contact point
Spatial reference system	http://www.opengis.net/def/crs/EPSG/0/3003
Metadata ID	Reggio:2017-02-12T190446

Linguaaggio:

italiano





Edifici del territorio di Reggio Emilia - Consumi elettrici

Sostenitori

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Organizzazione



Comune di Reggio-Emilia

The Municipality of Reggio Emilia, with a population of ...

 Dataset Gruppi Flusso di attività Correlazioni

Edifici del territorio di Reggio Emilia - Consumi elettrici

Questo dataset è stato generato nel contesto del progetto GeoSmartCity dal Comune di Reggio nell'Emilia, a partire da dati di background messi a disposizione da fonti diverse. I dati dei consumi elettrici degli edifici coprono il periodo 2008-2014 e sono stati raccolti dal sistema SIATEL dell'Agenzia delle Entrate.

Data e Risorse



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 Esplora

preview WMS

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XML Metadata

 Esplora

Edifici del territorio di Reggio Emilia - Consumi elettrici

Sostenitori

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Dataset

Gruppi

Flusso di attività

Correlazioni

Edifici del territorio di Reggio Emilia - Consumi elettrici

Lineage

Le sagome degli edifici si basano sull'Anagrafe Comunale Immobili di Reggio Emilia, con più di 33.000 edifici rappresentati. I dati sul consumo di energia elettrica sono derivati dal dataset fornito dall'Agenzia Nazionale delle Entrate tramite il sistema SIATEL, con i dati grezzi a livello utente aggregati e anonimizzati a livello dell'edificio. I dati provenienti da SIATEL sono stati geocodificati per indirizzo, e poi collegati agli edifici corrispondenti; i valori assoluti sono stati ulteriormente normalizzati dividendoli per volume dell'edificio (kWh per m3), e poi raggruppati in classi qualitative (dalla XXS alla XXL) in modo da garantire la privacy.

Organizzazione



Comune di Reggio Emilia

The Municipality of Reggio Emilia, with a population of approximately 170,000 inhabitants.

nell'Emilia,
egli edifici

[Esplora](#)

[Esplora](#)

[Esplora](#)

URL: http://labcatania.dedagroup.it/geoserver/Edifici/P_EDIFICI_CONS_ELETTRICI/ows?service=wms&version=1.3.0&request=GetCapabili...

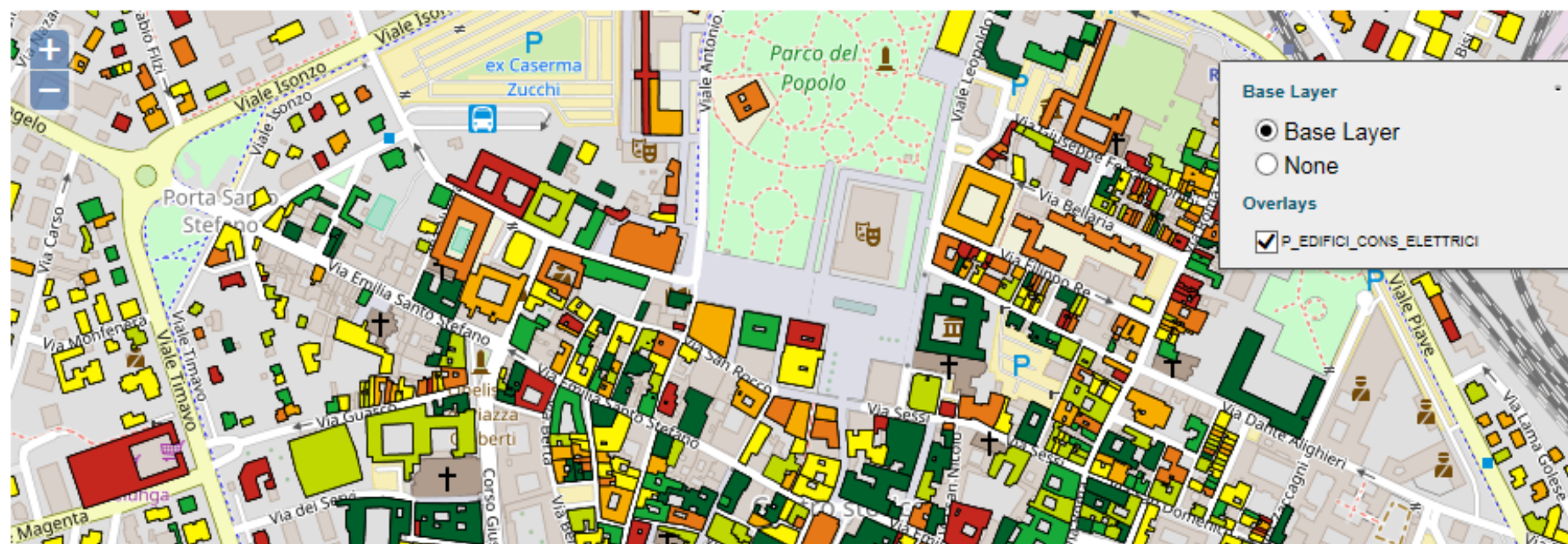
Dal riassunto del dataset

Questo dataset è stato generato nel contesto del progetto GeoSmartCity dal Comune di Reggio nell'Emilia, a partire da dati di background messi a disposizioni da fonti diverse. I dati dei...

Sorgente: [Edifici del territorio di Reggio Emilia - Consumi elettrici](#)

Map viewer

Incorpora



URL: http://labcatania.dedagroup.it/geoserver/Edifici/P_EDIFICI_CONS_ELETTRICI/ows?service=wms&version=1.3.0&request=GetCapabili...

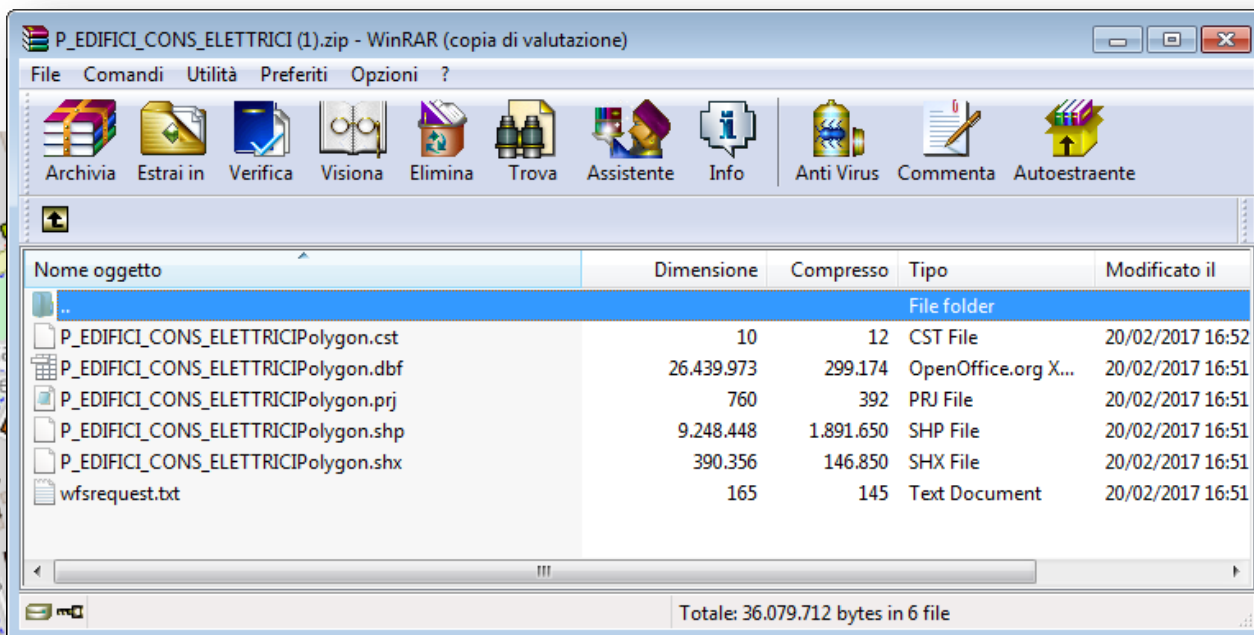
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Sorgente: [Edifici del territorio di Reggio Emilia - Consumi elettrici](#)

Map viewer

Incorpora





/ Dataset

 Filtro geografico

[Reset](#)



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 Enti

Comune di Reggio ne... (136)

 Categorie

Cerca dataset...



136 dataset trovati

Ordina per: Rilevanza

Unità Energetiche comunali di Reggio Emilia - Uso prevalente

Questo dataset è stato generato nel contesto del progetto di GeoSmartCity dal Comune di Reggio Emilia, sulla base di dati provenienti da diverse fonti. Le Unità Energetiche...

[zip\(shp\)](#) [WMS](#) [CSW](#)

Unità Energetiche comunali di Reggio Emilia - Centrali termiche

Questo dataset è stato generato nel contesto del progetto di GeoSmartCity dal Comune di Reggio Emilia, sulla base di dati provenienti da diverse fonti. Le centrali termiche...

[zip\(shp\)](#) [WMS](#) [CSW](#)

<http://opendata.comune.re.it/dataset>



Dati open ... ma anche 'INSPIRE'

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On-line validation of datasets harmonized according to the GeoSmartCity target data models.

[Validation Service](#)

Spatial Catalogue



A catalogue for spatially referenced resources. It provides metadata editing and search functions.

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Codelists Manager



The JRC's **Re3gistry** is reused and extended in order to manage new codelists and codelist values.

[Codelists Manager](#)

Specialised Services



Standardized and reusable data processing services based on requirements of the **GeoSmartCity Pilots**.

[Pilot Services](#)

Metadata tool



A simple spreadsheet tool able to edit metadata and publish it to a CSW endpoint and a CKAN catalog.

[Metadata Tool](#)

GSC_Excel-2-CSW-T_geo [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E	F
1	visibility	Show\Hide	select the pilot ---->>>	Marousi	Export XML	CSW-T
2	no	Metadata about metadata	File identifier	2016-04-19T184238		
3	no		Resource Type (M)	dataset		
4	no		Metadata point of contact (M)	Epsilon Greece		
5	no		Telephone	+39.0123.45678		
6	no		E-mail (M)	info@epsilon.gr		
7	no		Web site	http://www.epsilon.gr/		
8	no		Metadata date stamp (format YYYY-MM-DD) (M)	2016-04-19		
9	yes	General information	Coordinate Reference System (M)	http://www.opengis.net/def/crs/EPSSG/0/4936		
10	yes		Resource Title (M)	Footprint of buildings in the Municipality of Marousi		
11	yes		Temporal Reference (YYYY-MM-DD) (M)	2015-09-30		
12	no		Date Type	creation		
13	no		Unique resource identifier (M)	Footprint-of-buildings-in-the-Municipality-of-Marousi		
14	yes		Responsible organisation (M)	Epsilon Greece		
15	yes		Telephone	+39.0123.45678		
16	yes		E-mail (M)	info@epsilon.gr		
17	yes		Web site	http://www.epsilon.gr/		
18	yes		Role	owner		
19	yes		Resource abstract (M)	This dataset contains the footprint of all buildings within the Municipality of Marousi (Grece). The layer is based on topographic and cadastral maps and it is used as a reference dataset to ...		
20	no		Presentation format	mapDigital		



rndt.gov.it

Repertorio Nazionale dei Dati Territoriali

Cos'è



Dati territoriali



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Reti di sottoservizi e SINFI, >
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aggiornate

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di supporto per le PA

Al via il GdL UNINFO sui >
profili dell'informazione
geografica

AdB Liri-Garigliano e >
Vulturno e Regione Umbria
nel RNDT

LandCity Revolution & >
OpenGeoData

I dati territoriali per il >
governo del territorio, un
workshop a Napoli

ITgeoConf: il punto >
sull'informazione geografica

Pubblicare metadati nel CSW attraverso un foglio di calcolo

Ultima modifica il Venerdì, 15 Aprile 2016 12:18Pubblicato Giovedì, 14 Aprile 2016 15:15



Tweet



Mi piace



2



Un po' di tempo fa, era stato reso [disponibile un foglio di calcolo](#) per compilare i metadati dei dati geografici e generare un file XML strutturato secondo le regole tecniche definite da INSPIRE e RNDT.

Uno strumento semplice pensato soprattutto per coloro che non hanno molta dimestichezza con complessi standard e specifiche tecniche e, soprattutto, non dispongono di piattaforme dedicate.

Quel foglio di calcolo ora è disponibile in una [nuova versione](#) (al momento solo in formato MS Excel) che permette di **pubblicare i metadati** creati su un catalogo online che esponga un'interfaccia **CSW**.

Così come la versione precedente, anche questo nuovo file Excel è stato elaborato nell'ambito del [progetto europeo GeoSmartCity](#) da [Sinergis](#), partner insieme a [Epsilon Italia](#) (che ha contribuito alle fasi di test e revisione).

Il foglio di calcolo è disponibile in licenza CC-BY: chiunque può scaricarlo, modificarlo e usarlo autonomamente per compilare e pubblicare metadati.

Per qualsiasi informazione o chiarimento sull'uso è sufficiente inviare una mail a [info\[at\]sinergis.it](mailto:info[at]sinergis.it).

This XML file does not appear to have any style information associated with it. The document tree is shown below:

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
<csw:GetRecordByIdResponse xmlns:csw="http://www.opengis.net/cat/csw/2.0.2"
  xmlns:gmd="http://www.isotc211.org/2005/gmd" xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:gco="http://www.isotc211.org/2005/gco" xmlns:geonet="http://www.fao.org/geonetwork">
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    <gco:CharacterString>Reggio:2017-02-12T190446</gco:CharacterString>
  </gmd:fileIdentifier>
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  </gmd:language>
  <gmd:characterSet>
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  </gmd:characterSet>
  <gmd:hierarchyLevel>
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      codeListValue="dataset">dataset</gmd:MD_ScopeCode>
  </gmd:hierarchyLevel>
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  <gmd:metadataStandardName>
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  </gmd:metadataStandardName>
  <gmd:metadataStandardVersion>
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  </gmd:metadataStandardVersion>
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  </gmd:referenceSystemInfo>
  <gmd:MD_ReferenceSystem>
  </gmd:MD_ReferenceSystem>
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    </gco:CharacterString>
  </gmd:MD_DataIdentification>
  </gmd:MD_ReferenceSystem>
</csw:GetRecordByIdResponse>
```



XML Metadata

Esplora



Edifici del territorio di Reggio Emilia - Consumi elettrici

Sostenitori

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Organizzazione



Comune di Reggio-Emilia

The Municipality of Reggio Emilia, with a population of ...

Dataset

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Data e Risorse



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Esplora



preview WMS

Esplora



XML Metadata

Esplora

Dati open ... ma anche 'INSPIRE'

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Dati open ... ma anche 'INSPIRE'

A proposito di questo sito

italiano (it)



INSPIRE REGISTRY

Enhancing access to European spatial data

Commissione Europea > INSPIRE > Archivio INSPIRE > Registro degli elenchi di codici di INSPIRE > Current Use > publicServices

publicServices

ID:	http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices
Questa version:	http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices:1
La version più recente:	http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices
Etichetta: [Non disponibile in Italiano]	publicServices
Definizione: [Non disponibile in Italiano]	The building (or building component) hosts public services. Public services are tertiary services provided for the benefit of the citizens.
Descrizione: [Non disponibile in Italiano]	Public services are often ruled by public governments or on behalf of them. EXAMPLES: Schools, hospitals, governmental buildings, prisons, rescue stations, transport station. NOTE: in case of a building being both office and public service (e.g. a city hall), the building should be classified preferably as public service.
Categoria tematica:	Edifici
Schema di applicazione:	GSC - Building2D-Energy

<http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices/>



Dati open ... ma anche 'INSPIRE'

A proposito di questo sito

italiano (it)

```
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  xmlns:gco="http://www.isotc211.org/2005/gco"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://www.isotc211.org/2005/grg"
  xsi:schemaLocation="http://www.isotc211.org/2005/grg http://standards.iso.org/iso/19135/-2/register.xsd">
  <itemIdentifier gco:nilReason="inapplicable"/>
  <name>
    <gco:CharacterString>publicServices</gco:CharacterString>
  </name>
  <status>
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  </status>
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    <gco:CharacterString>The building (or building component) hosts public services. Public services are tertiary services
  </definition>
  <description>
    <gco:CharacterString>Public services are often ruled by public governments or on behalf of them. EXAMPLES: Schools, hos
  transport station.NOTE: in case of a building being both office and public service (e.g. a city hall), the building should be
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  <additionInformation xlink:href="http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices"/>
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      </name>
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      <describedItem gco:nilReason="inapplicable"/>
    </RE_ItemClass>
  </itemClass>
</RE_RegisterItem>
```

<http://hub.geosmartcity.eu/registry/codelist/CurrentUseValue/publicServices/>

Dati open ... ma anche 'INSPIRE'

GeoSmartCity Hub

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Validation Service



On-line validation of datasets harmonized according to the GeoSmartCity target data models.

[Validation Service](#)

Spatial Catalogue



A catalogue for spatially referenced resources. It provides metadata editing and search functions.

[Spatial Catalogue](#)

Codelists Manager



The JRC's **Re3gistry** is reused and extended in order to manage new codelists and codelist values.

[Codelists Manager](#)

Specialised Services



Standardized and re-usable data processing services based on requirements of the **GeoSmartCity Pilots**.

[Pilot Services](#)

Metadata tool



A simple spreadsheet tool able to edit metadata and publish it to a CSW endpoint and a CKAN catalog.

[Metadata Tool](#)

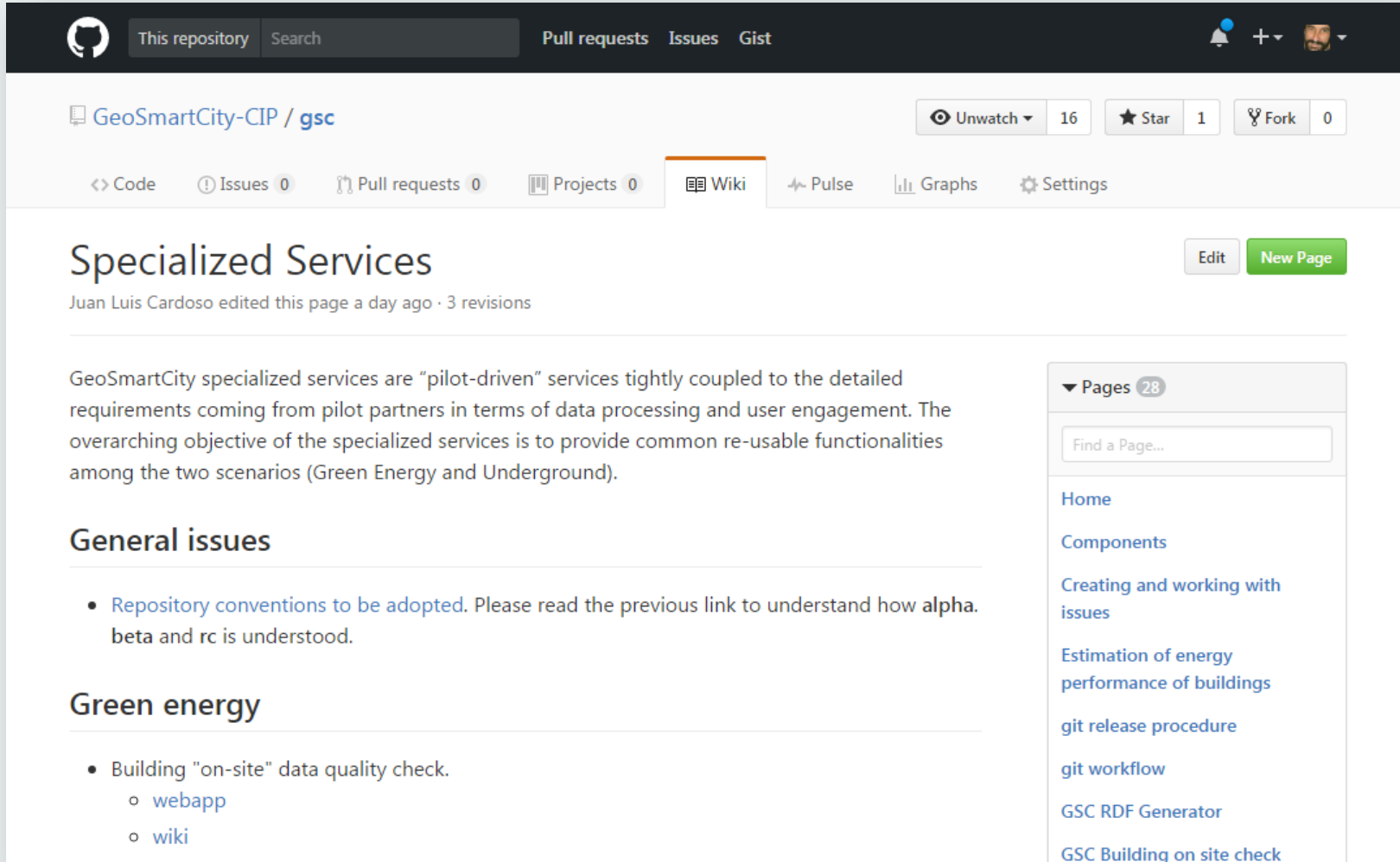
... Buildings

- Buildings "on-site" data quality check
- Estimation of Energy Performance of buildings
- Buildings CO₂ emissions estimation
- Heat consumption dashboard
- Upload of "future "buildings
- Solar potential calculation
- Zero-balance layer
- Linked open data

... Transport

- Multi-lingual Address Geocoding
- Green preferences and routing
- Next departure time
- Drive to park

Specialized services - Github



GeoSmartCity-CIP / gsc

Unwatch 16 Star 1 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

Specialized Services

Juan Luis Cardoso edited this page a day ago · 3 revisions

GeoSmartCity specialized services are "pilot-driven" services tightly coupled to the detailed requirements coming from pilot partners in terms of data processing and user engagement. The overarching objective of the specialized services is to provide common re-usable functionalities among the two scenarios (Green Energy and Underground).

General issues

- Repository conventions to be adopted. Please read the previous link to understand how alpha, beta and rc is understood.

Green energy

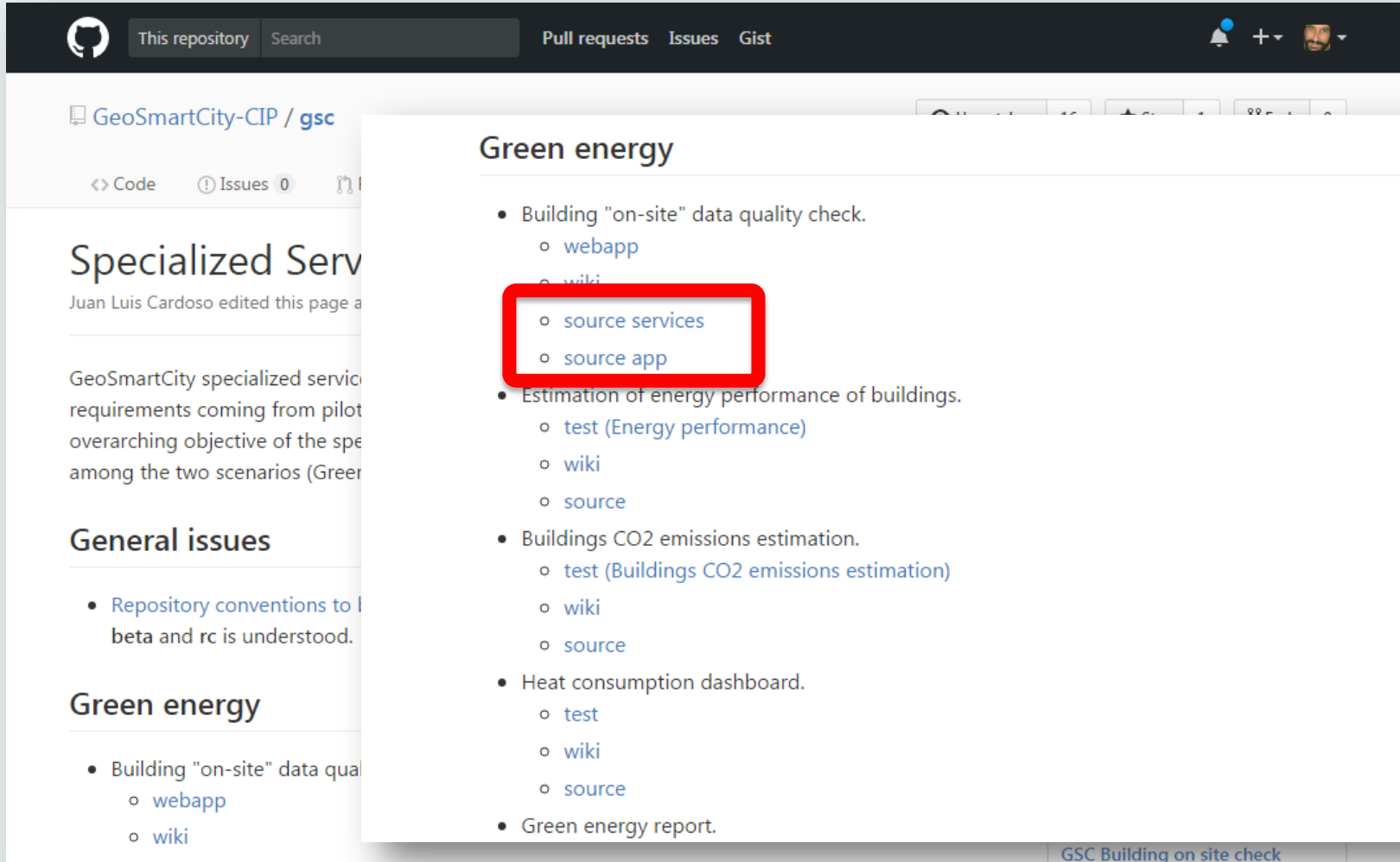
- Building "on-site" data quality check.
 - webapp
 - wiki

Pages 28

Find a Page...

- Home
- Components
- Creating and working with issues
- Estimation of energy performance of buildings
- git release procedure
- git workflow
- GSC RDF Generator
- GSC Building on site check

Specialized services - Github



GeoSmartCity-CIP / gsc

Specialized Services

Juan Luis Cardoso edited this page a

GeoSmartCity specialized services are developed based on the requirements coming from pilot projects. The main overarching objective of the specialized services is to provide a Green energy solution among the two scenarios (Green energy and Green energy).

General issues

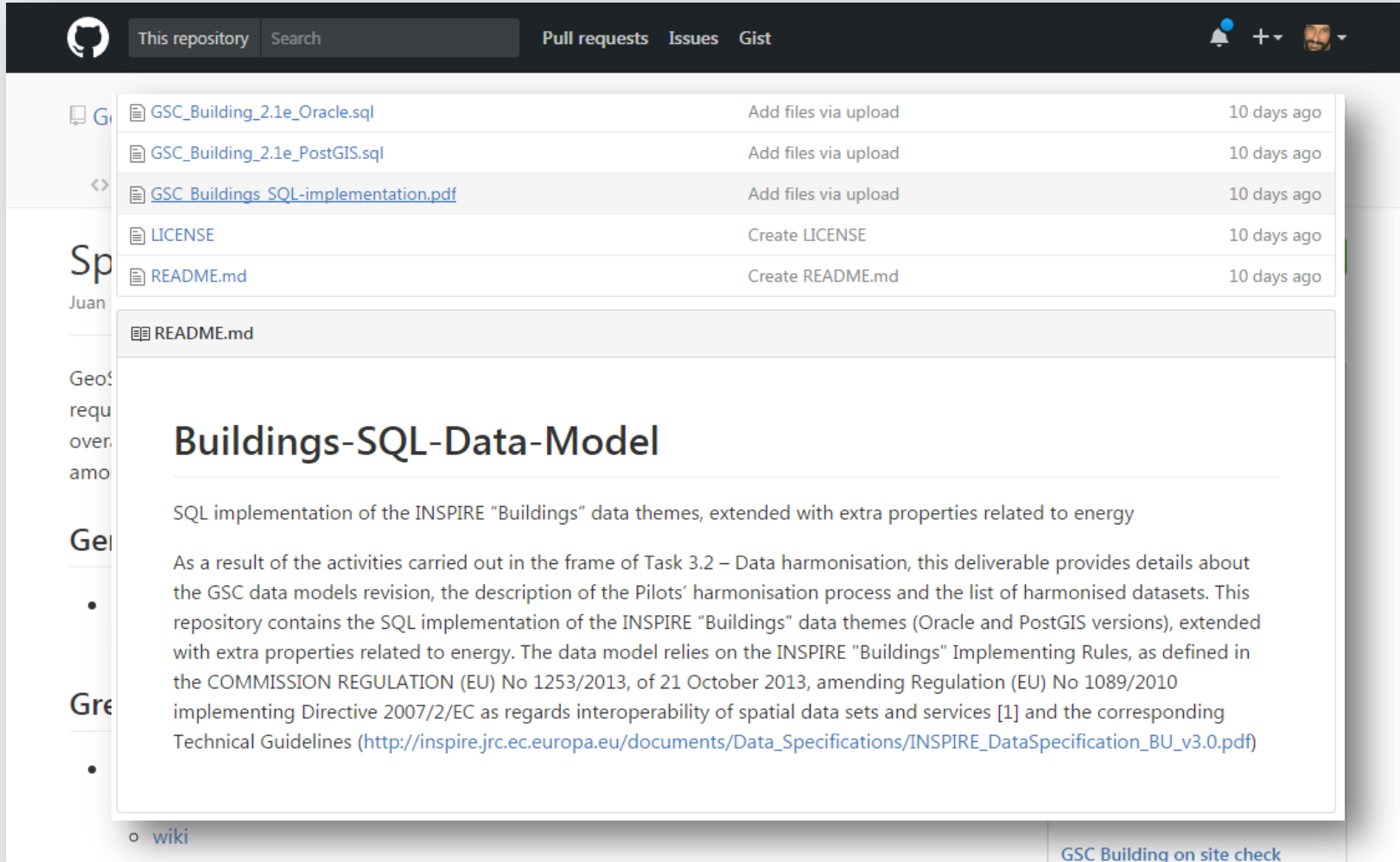
- Repository conventions to be followed. The beta and rc is understood.

Green energy

- Building "on-site" data quality check.
 - webapp
 - wiki
 - source services
 - source app
- Estimation of energy performance of buildings.
 - test (Energy performance)
 - wiki
 - source
- Buildings CO2 emissions estimation.
 - test (Buildings CO2 emissions estimation)
 - wiki
 - source
- Heat consumption dashboard.
 - test
 - wiki
 - source
- Green energy report.

GSC Building on site check

Buildings SQL data model - Github



The screenshot shows the Github repository page for 'Buildings SQL data model'. The repository is owned by 'GeoSmartCity' and is a public repository. The repository contains the following files:

File Name	Commit Message	Time Ago
GSC_Building_2.1e_Oracle.sql	Add files via upload	10 days ago
GSC_Building_2.1e_PostGIS.sql	Add files via upload	10 days ago
GSC_Buildings_SQL-implementation.pdf	Add files via upload	10 days ago
LICENSE	Create LICENSE	10 days ago
README.md	Create README.md	10 days ago

The README.md file is selected and displays the following content:

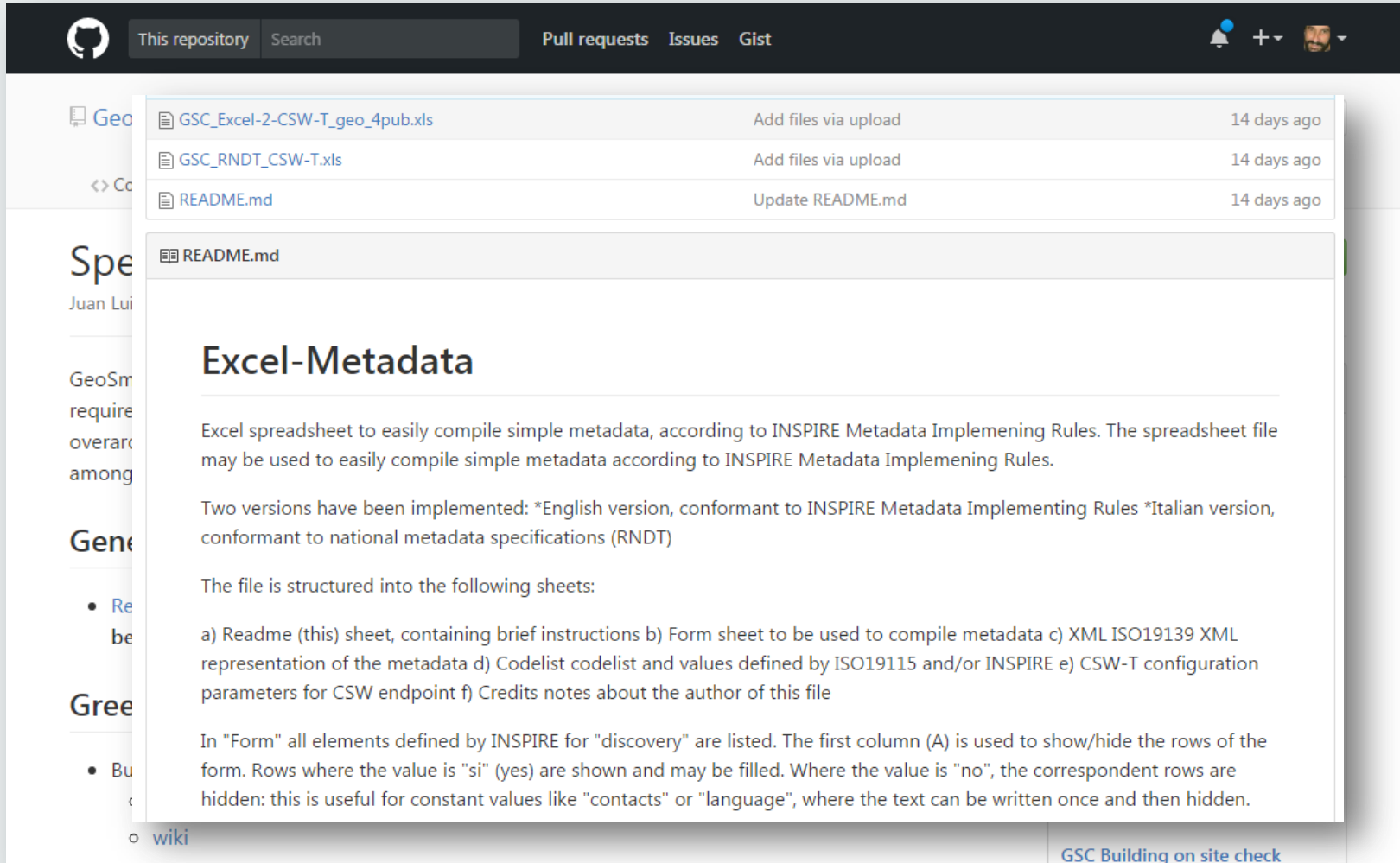
Buildings-SQL-Data-Model

SQL implementation of the INSPIRE "Buildings" data themes, extended with extra properties related to energy

As a result of the activities carried out in the frame of Task 3.2 – Data harmonisation, this deliverable provides details about the GSC data models revision, the description of the Pilots' harmonisation process and the list of harmonised datasets. This repository contains the SQL implementation of the INSPIRE "Buildings" data themes (Oracle and PostGIS versions), extended with extra properties related to energy. The data model relies on the INSPIRE "Buildings" Implementing Rules, as defined in the COMMISSION REGULATION (EU) No 1253/2013, of 21 October 2013, amending Regulation (EU) No 1089/2010 implementing Directive 2007/2/EC as regards interoperability of spatial data sets and services [1] and the corresponding Technical Guidelines (http://inspire.jrc.ec.europa.eu/documents/Data_Specifications/INSPIRE_DataSpecification_BU_v3.0.pdf)

At the bottom of the page, there is a link to the 'wiki' and a button labeled 'GSC Building on site check'.

Buildings SQL data model - Github



The screenshot shows a GitHub repository interface. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for 'Pull requests', 'Issues', and 'Gist'. Below this, the repository name 'GeoSmartCity' is visible. A table lists recent file uploads:

File Name	Action	Time
GSC_Excel-2-CSW-T_geo_4pub.xls	Add files via upload	14 days ago
GSC_RNDT_CS-W-T.xls	Add files via upload	14 days ago
README.md	Update README.md	14 days ago

The 'README.md' file is selected, showing its content. The title is 'Excel-Metadata'. The text describes an Excel spreadsheet used for compiling metadata according to INSPIRE Metadata Implementing Rules. It mentions two versions: English and Italian. The file is structured into several sheets, including a 'Form' sheet for metadata compilation. A 'wiki' link is visible at the bottom left, and a 'GSC Building on site check' link is at the bottom right.

Excel-Metadata

Excel spreadsheet to easily compile simple metadata, according to INSPIRE Metadata Implementing Rules. The spreadsheet file may be used to easily compile simple metadata according to INSPIRE Metadata Implementing Rules.

Two versions have been implemented: *English version, conformant to INSPIRE Metadata Implementing Rules *Italian version, conformant to national metadata specifications (RNDT)

The file is structured into the following sheets:

- a) Readme (this) sheet, containing brief instructions
- b) Form sheet to be used to compile metadata
- c) XML ISO19139 XML representation of the metadata
- d) Codelist codelist and values defined by ISO19115 and/or INSPIRE
- e) CSW-T configuration parameters for CSW endpoint
- f) Credits notes about the author of this file

In "Form" all elements defined by INSPIRE for "discovery" are listed. The first column (A) is used to show/hide the rows of the form. Rows where the value is "si" (yes) are shown and may be filled. Where the value is "no", the correspondent rows are hidden: this is useful for constant values like "contacts" or "language", where the text can be written once and then hidden.

[wiki](#) [GSC Building on site check](#)

Grazie

Piergiorgio Cipriano

piergiorgio.cipriano@dedagroup.it

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