

ECI: remote services.

The ECI remote services allow an external applications or a website to integrate data from an initiative. The access to the services is in read only mode.

The remote service exchange the lists of initiative depending on the current status that are registered in the ECI register and provide the possibility to retrieve detailed information about a specific initiative.

The service at the moment provide 3 resources :

- 1) The application WADL describing the services.

<http://www.ec.europa.eu/citizens-initiative/services/application.wadl>

```
<ns0:application>
  <ns0:doc ns1:generatedBy="Jersey: 1.17.1 02/28/2013 12:47 PM"/>
  <ns0:grammars/>
  <ns0:resources base="http://ec.europa.eu/citizens-initiative/services/">
    <ns0:resource path="/initiative">
      <ns0:resource path="/get/{status}">
        <ns0:param name="status" style="template" type="ns2:string"/>
        <ns0:method id="getInitiativeListByStatus" name="GET">
          <ns0:response>
            <ns0:representation mediaType="application/json"/>
            <ns0:representation mediaType="application/xml"/>
          </ns0:response>
        </ns0:method>
      </ns0:resource>
      <ns0:resource path="/details/{year}/{number}">
        <ns0:param name="number" style="template" type="ns3:string"/>
        <ns0:param name="year" style="template" type="ns4:string"/>
        <ns0:method id="getInitiativeDetails" name="GET">
          <ns0:response>
            <ns0:representation mediaType="application/json"/>
            <ns0:representation mediaType="application/xml"/>
          </ns0:response>
        </ns0:method>
      </ns0:resource>
    </ns0:resources>
  </ns0:application>
```

As described in the WADL, the services can give you an answer in XML or JSON format.

```
▼ <ns0:response>
  <ns0:representation mediaType="application/json"/>
  <ns0:representation mediaType="application/xml"/>
</ns0:response>
```

- 2) The **get** method provide the lists of initiatives based on passed {status} parameter which is mandatory. The method matches what is displayed in the ECI register.

The accepted {status} are :

- **open** : This list covers the initiatives currently open for collection of statements of support.
- **successful** : This list covers the initiatives that have successfully reached the required number of statements of support.
- **withdrawn** : List of initiatives withdrawn by the organisers.
- **insufficient_support** : List of initiatives which did not gather the required number of statements of support within the 1-year time limit.
- **rejected** : Refused requests for registration
- **all** – return all the previous
-

EX : <http://www.ec.europa.eu/citizens-initiative/services/initiative/get/open>

```
<initiatives>
  <initiative year="2015" number="000006">
    <searchEntry status="OPEN">
      <registrationNumber>ECI(2015)000006</registrationNumber>
      <title>Mum, Dad & Kids - European Citizens' Initiative to protect Marriage and Family</title>
      <languages>
      </searchEntry>
    </initiative>
    <initiative year="2015" number="000005">
      <searchEntry status="OPEN">
      <registrationNumber>ECI(2015)000005</registrationNumber>
      <title>Wake up Europe ! Agir pour préserver le projet démocratique européen</title>
      <languages>
      </searchEntry>
    </initiative>
    <initiative year="2015" number="000004">
      <searchEntry status="OPEN">
      <registrationNumber>ECI(2015)000004</registrationNumber>
      <title>Vi vill att WHO:s rekommendationer efterföljs. Cannabis ska bli avkriminaliserat med reglering.</title>
      <languages>
        <language code="sv" original="true"/>
      </languages>
      </searchEntry>
    </initiative>
    <initiative year="2015" number="000003">
      <searchEntry status="OPEN">
      <registrationNumber>ECI(2015)000003</registrationNumber>
      <title>STOP PLASTIC IN THE SEA</title>
      </searchEntry>
    </initiative>
  </initiatives>
```

Relevant data is the initiative year and number: with this combination of parameter is possible to identify an initiative and retrieve the content.

3) The details of an initiative method **details/{year}/{number}** retrieve all the relevant data.

The **{year}** and **{number}** are found as attribute from the **get** method data in the **searchEntry** element and it is use as key to retrieve the initiative details:

<http://www.ec.europa.eu/citizens-initiative/services/initiative/details/2012/000003>

```
<initiatives>
  <initiative year="2012" number="000003">
    <registrationNumber>ECI(2012)000003</registrationNumber>
    <registrationDate>2012-05-10T19:16:30</registrationDate>
    <status>ANSWERED</status>
    <initiativeLanguages>
      <initiativeLanguage code="en" original="true">
        <title>Water and sanitation are a human right! Water is a public good, not a commodity!</title>
        <subjectMatter>We invite the European Commission to propose legislation implementing the human right to water a
        <mainObjectives>The EU legislation should require governments to ensure and to provide all citizens with sufficient a
        <legalBase>Art 14, Art 209 & Art 210 TFEU</legalBase>
        <publicatonTranslationDate>2012-05-10T19:16:30</publicatonTranslationDate>
        <website>http://www.right2water.eu/</website>
        <annexDocument>
          <filename>Annex to ECI Water is a human right (2).pdf</filename>
          <mimeType>application/pdf</mimeType>
          <fileSize>521343</fileSize>
          <url>http://www.ec.europa.eu/citizens-initiative/public/documents/20</url>
        </annexDocument>
      </initiativeLanguage>
      <initiativeLanguage code="nl">
        <title>Water en sanitaire voorzieningen zijn een mensenrecht! Water is een publiek goed, geen handelswaar!</title>
        <subjectMatter>We verzoeken de Europese Commissie om een voorstel voor wetgeving te doen waarin het recht op
        <mainObjectives>De EU-wetgeving moet eisen dat overheden garanderen dat alle burgers kunnen beschikken over v
        <legalBase>Artikel 14, artikel 209, artikel 210 TFEU</legalBase>
        <publicatonTranslationDate>2012-05-25T16:41:18</publicatonTranslationDate>
        <website>http://www.right2water.eu/</website>
      </initiativeLanguage>
      <initiativeLanguage code="fr">
        <title>L'eau et l'assainissement sont un droit humain! L'eau est un bien public, pas une marchandise !</title>
        <subjectMatter>Nous invitons la Commission européenne à proposer une législation qui fasse du droit à l'eau et à l'a
        <mainObjectives>Le droit européen devrait exiger des gouvernements qu'ils garantissent et fournissent à tous les cit
```

In case of error the application will respond with a **eciServiceError** response :

Ex: a request with a bad parameter

```
<eciServiceError>
  <code>001</code>
  <date>2016-02-22T16:37:42.584</date>
  <message>The parameter 'status' is missing or not valid.
  : Accepted parameters are [OPEN, SUCCESSFUL, WITHDRAWN, INSUFFICIENT_SUPPORT, REJECTED, ALL]
</message>
  <params>somestatus</params>
</eciServiceError>
```

In case of unexpected error or further explanation please contact the EC ECI OCS Information technology support: EC-ECI-OCS@ec.europa.eu