

**EGI-Engage**

Web portals for tsunami wave propagation simulations and for WRF-based weather simulation

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Abstract

Simulation portals developed by the Disaster Mitigation Competence Centre

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**TERMINOLOGY**

A complete project glossary is provided at the following page: <http://www.egi.eu/about/glossary/>

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**Executive summary**

This should cover the whole content.

# Introduction

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| --- | --- |
| **Tool name** | ***Tsunami simulation portal (iCOMCOT portal)*** |
| **Tool url** | [*https://icomcot.twgrid.org*](https://icomcot.twgrid.org) |
| **Description** | *Please provide a high-level description of what the service does and functionality included.* |
| **Value proposition** | *Describe  how  the  new  or changed  service  alleviates specific user pains and/or supports its intended customer(s) to exploit new opportunities* |
| **Customer of the tool** | *Please describe customer of the tool. Customer commissions the service provider to receive the service, doing so on behalf of a number of users – specify the organisation type/category of the service e.g. NGI; RI; Resource Provider.* |
| **User of the service** | *Please specify the user type/category of the service e.g. large research groups; individual researcher; site admins* |
| **User Documentation** | *Please provide url* |
| **Technical Documentation** | *Please provide url* |
| **Product team** | *Please provide institutions taking part in development* |
| **License** | *Please provide license* |
| **Source code** | *Please provide url* |

|  |  |
| --- | --- |
| **Tool name** | ***Weather simulation portal (WRF portal)*** |
| **Tool url** | [*https://gwrf.twgrid.org*](https://gwrf.twgrid.org) |
| **Description** | *Please provide a high-level description of what the service does and functionality included.* |
| **Value proposition** | *Describe  how  the  new  or changed  service  alleviates specific user pains and/or supports its intended customer(s) to exploit new opportunities* |
| **Customer of the tool** | *Please describe customer of the tool. Customer commissions the service provider to receive the service, doing so on behalf of a number of users – specify the organisation type/category of the service e.g. NGI; RI; Resource Provider.* |
| **User of the service** | *Please specify the user type/category of the service e.g. large research groups; individual researcher; site admins* |
| **User Documentation** | *Please provide url* |
| **Technical Documentation** | *Please provide url* |
| **Product team** | *Please provide institutions taking part in development* |
| **License** | *Please provide license* |
| **Source code** | *Please provide url* |

# Service architecture

*The service architecture provides an overview of the key (logical) service components and their dependencies to help better understand the structure and logical as well as technical setup of the service.*

## High-Level Service architecture

*These sections describe how the service is built. If already described in technical documentation please provide link.*

*Highlight and shortly describe any change on the service architecture introduced by this release.*

## Integration and dependencies

*Insert a description and/or visualisation (figure) of the dependencies to other tools.*

*If already described in technical documentation please provide link.*

*Highlight and shortly describe any change on the dependencies to other tools introduced by this release.*

*Cover the underlying VO(s) too.*

# Release notes

## Requirements covered in the release

*List requirements that have been implemented in the release*

# Feedback on satisfaction

*Who was involved in testing and what the outcome of the review was*

# Future plans

Brief description of the simulation use cases that CC will use these portals for. E.g. include the use cases table from your slides, indicating the link between use cases and portals

Further development plans for the portals themselves

1. Related work

E.g. DRIHM portal? (AFAIK also has WRF simulation capabilities): <file:///C:/Users/Gergely%20Sipos/Downloads/EGU2014-6283.pdf>