# VT Inter-NGI Usage Report, part II

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for the NGI inter-usage VT

e-infrastructure

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www.egi.eu

- ## What?
  - Produce the first EGI Usage Report
  - Document caveats / accounting restrictions / and other assorted problems
- ## Who?
  - Active
    - EGI.eu
    - NGI_GRNET
    - NGI_Ibergrid
    - NGI_UK
  - Observers
    - NGI_HR
    - NGI_DE
    - NGI_AEGIS
    - NGI_PL

- Task 1: Send list of requirements to Accounting Portal
  - Done!

- Task 2: Add the required views to the Accounting portal
  - We now have a new View + Table showing percentage of foreign users by country
  - Done! (thanks Iván & Álvaro)

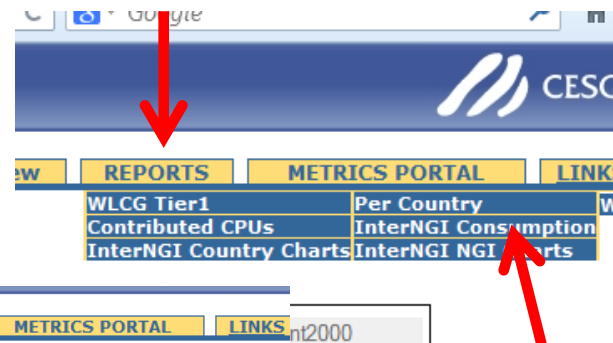- Improve user DN publishing (SA1 task)
  - Done!

- **First report – http://go.egi.eu/1670**

Data from the last 4 months

| | | | **Matrix of foreign UserDN publishing** | | |
|---|---|---|---|---|---|
| **Region** | **Total Sites** | **Publishing Sites** | **Percentage publishing** | **Normalised CPU time (HEPSPEC06) without UserDN** | **Normalised CPU time (HEPSPEC06) with UserDN (%)** | **Active Users** |
| AsiaPacific | 23 | 18 | 78.3% | 1490538 | 93.3% | 44 |
| CERN | 1 | 1 | 100% | 0 | 100% | 478 |
| NGI_AEGIS | 5 | 0 | 0% | 464005 | 0% | 3 |
| NGI_ARMGRID | 2 | 0 | 0% | 252 | 0% | |
| NGI_BA | 1 | 1 | 100% | 0 | 100% | 1 |
| NGI_BG | 4 | 4 | 100% | 0 | 100% | 4 |
| NGI_BY | 1 | 1 | 100% | 0 | 100% | 2 |
| NGI_CH | 4 | 4 | 100% | 0 | 100% | 4 |
| NGI_CYGRID | 1 | 1 | 100% | 0 | 100% | 1 |
| NGI_CZ | 2 | 2 | 100% | 651936 | 93.3% | 6 |
| NGI_DE | 16 | 15 | 93.8% | 11264459 | 89.7% | 104 |
| NGI_FRANCE | 16 | 16 | 100% | 25 | 100% | 128 |
| NGI_GE | 1 | 1 | 100% | 0 | 100% | |
| NGI_GRNET | 12 | 12 | 100% | 0 | 100% | 40 |
| NGI_HR | 3 | 3 | 100% | 0 | 100% | |
| NGI_HU | 3 | 3 | 100% | 4 | 100% | 5 |
| NGI_IBERGRID | 24 | 24 | 100% | 199962 | 99.6% | 72 |
| NGI_IL | 3 | 3 | 100% | 0 | 100% | 2 |
| NGI_IT | 55 | 55 | 100% | 0 | 100% | 118 |
| NGI_MARGI | 3 | 3 | 100% | 0 | 100% | |
| NGI_MD | 1 | 1 | 100% | 0 | 100% | |
| NGI_NDGF | 6 | 6 | 100% | 0 | 100% | 12 |
| NGI_NL | 18 | 18 | 100% | 1651598 | 95.8% | 53 |
| NGI_PL | 9 | 9 | 100% | 20244 | 99.8% | 30 |
| NGI_RO | 10 | 6 | 60% | 5039390 | 35.7% | 2 |
| NGI_SI | 1 | 1 | 100% | 0 | 100% | 3 |
| NGI_SK | 4 | 4 | 100% | 0 | 100% | 10 |
| NGI_TR | 3 | 3 | 100% | 0 | 100% | 4 |
| NGI_UA | 4 | 4 | 100% | 0 | 100% | 2 |
| NGI_UK | 21 | 21 | 100% | 0 | 100% | 74 |
| ROC_Canada | 7 | 7 | 100% | 0 | 100% | 17 |
| ROC_LA | 4 | 4 | 100% | 146867 | 89.8% | 3 |
| Russia | 11 | 10 | 90.9% | 382110 | 98.4% | 23 |
| | 279 | 261 | 91.6% | 21311390 | 704891300 - 97.1% | 1245 |

Key: x < 60%  60% <= x < 90%  90% <= x

# The Matrix

- Go to http://accounting.egi.eu
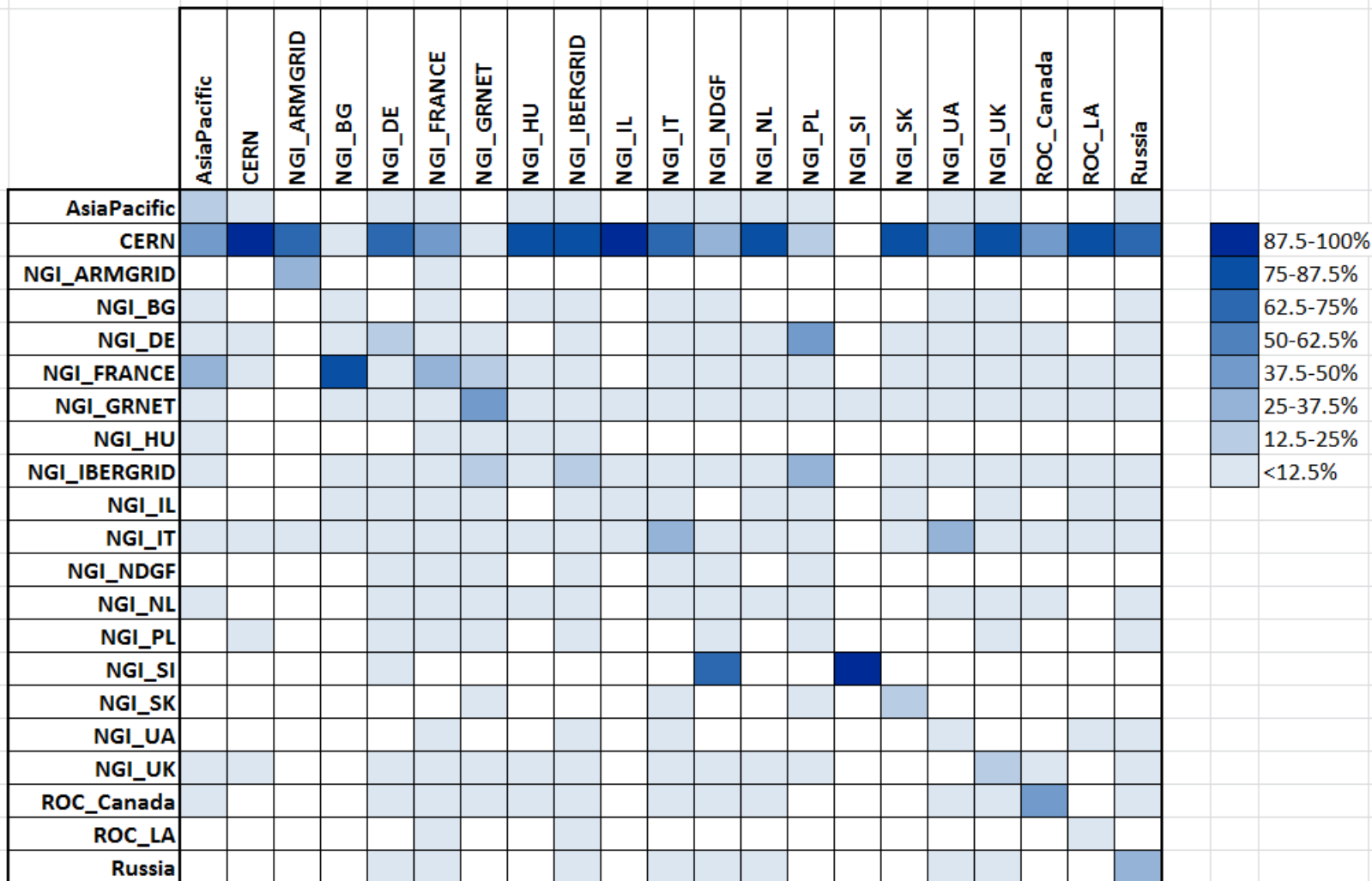
# The Matrix

- Go to http://accounting.egi.eu



**Blue ratio:** percentage of NGI 1 (top) resources consumed by NGI 2 (side)

**Red ratio:** percentage of NGI 2 (side) consumption that is provided by NGI 1 (top)

The report focuses on the 21 NGIs that reported over 10,000 CPU hours (HEPSPEC06) to the accounting portal during Q11
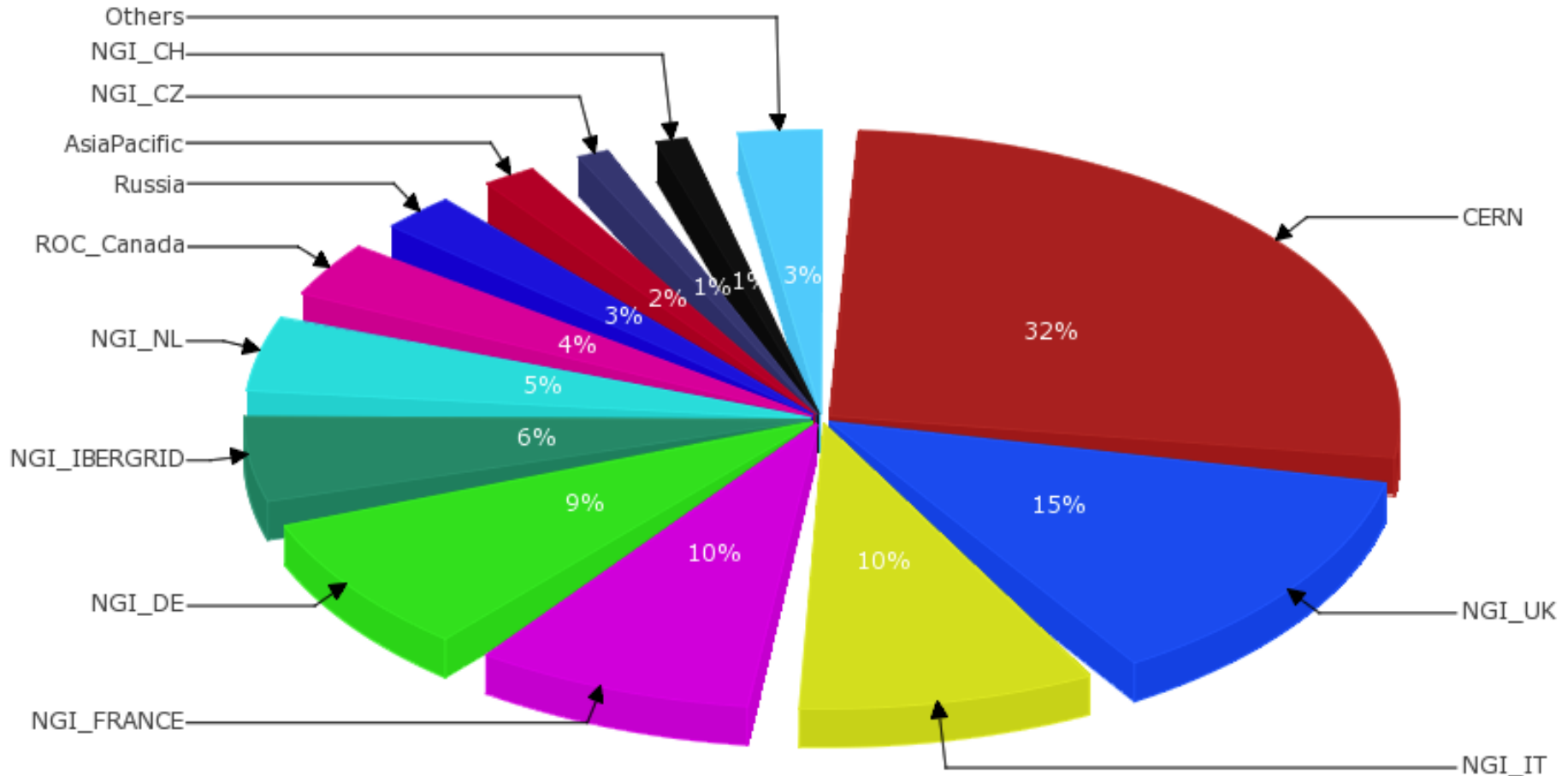
Percentage of resources provided by NGI at the top consumed by the NGI on the side

| Color | Range |
|-------|-------|
| (darkest) | 87.5-100% |
| | 75-87.5% |
| | 62.5-75% |
| | 50-62.5% |
| | 37.5-50% |
| | 25-37.5% |
| | 12.5-25% |
| (lightest) | <12.5% |

Percentage of the consumption of NGI on the side provided by NGI at the top

Legend:
- 87.5-100%
- 75-87.5%
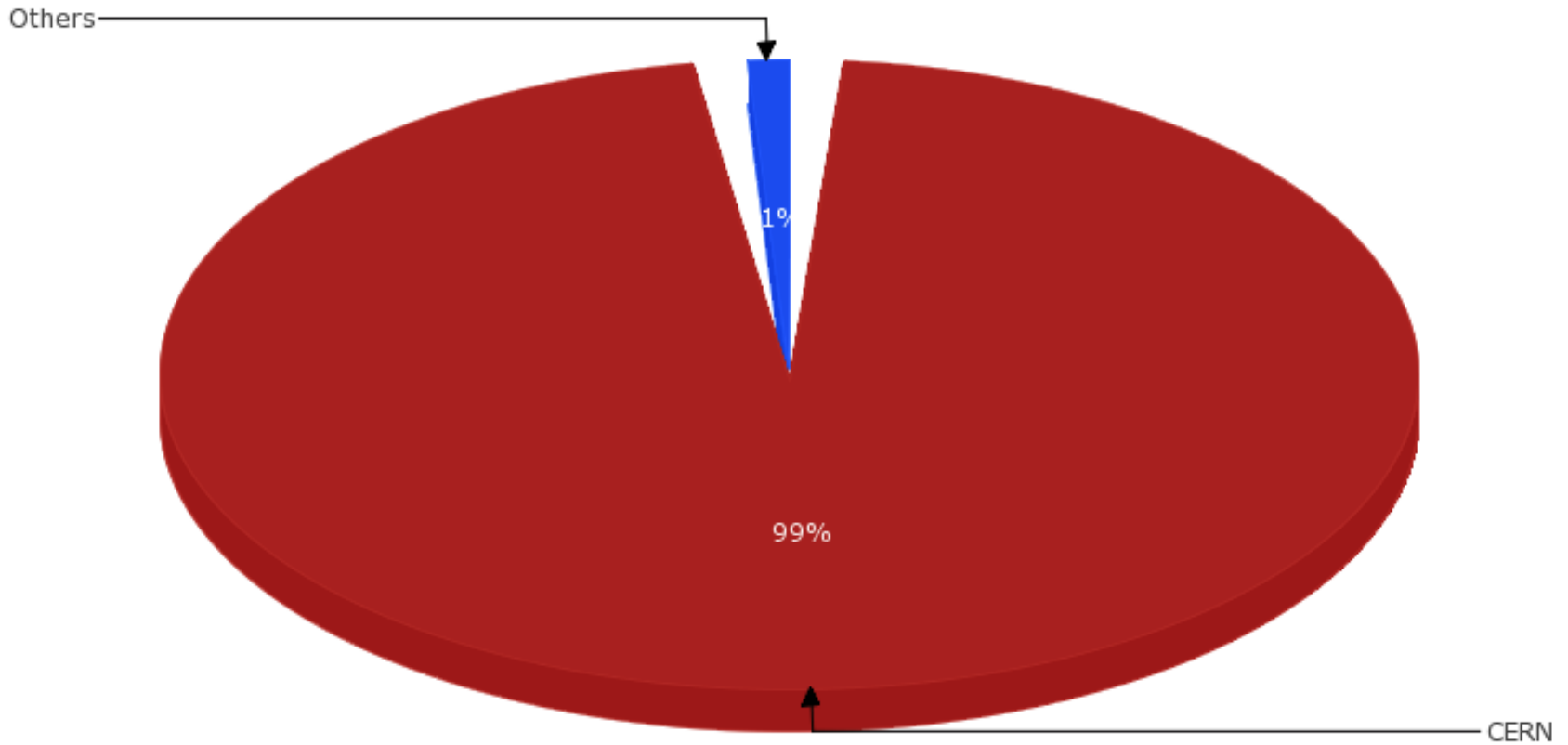- 62.5-75%
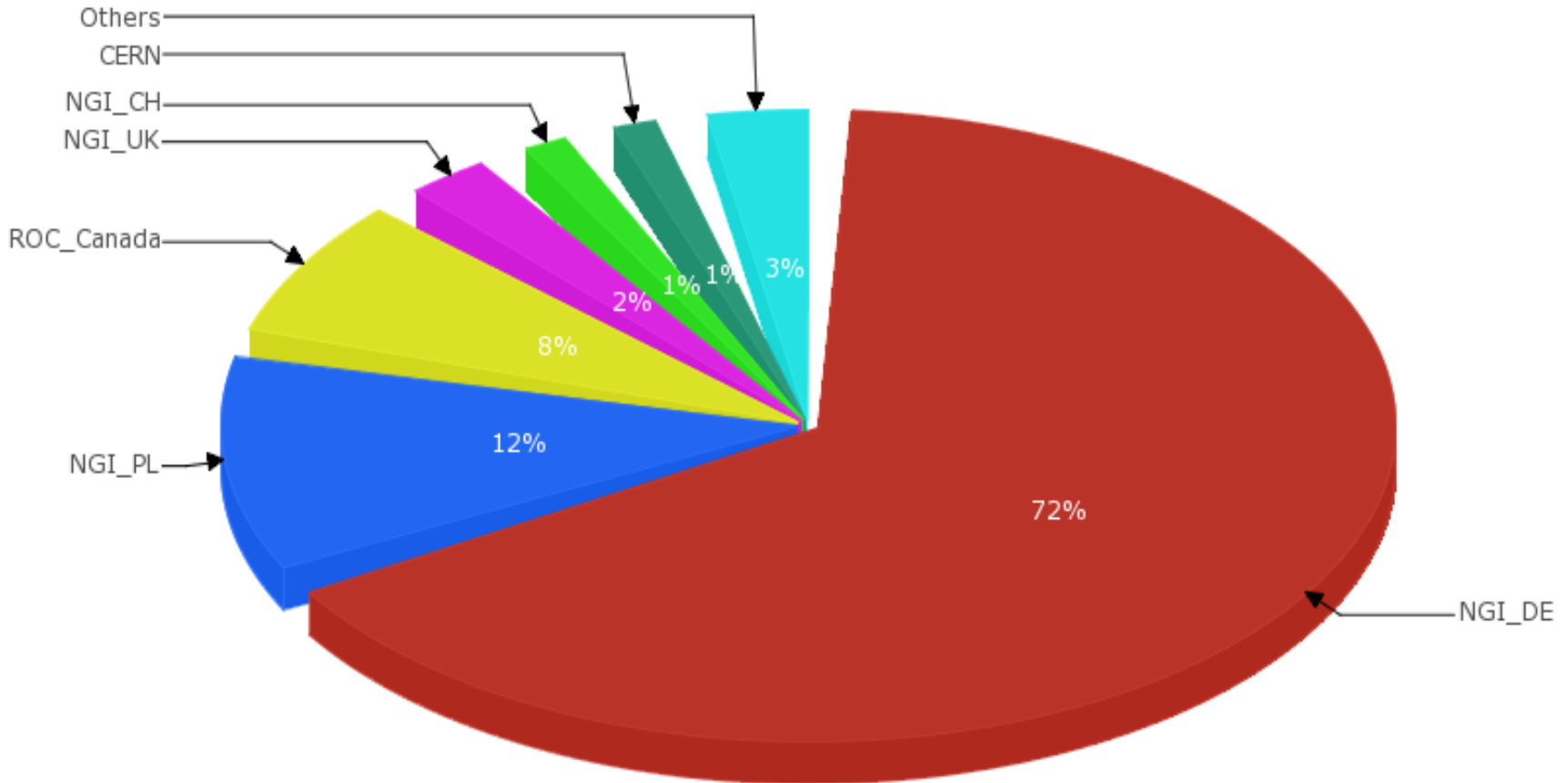- 50-62.5%
- 37.5-50%
- 25-37.5%
- 12.5-25%
- <12.5%
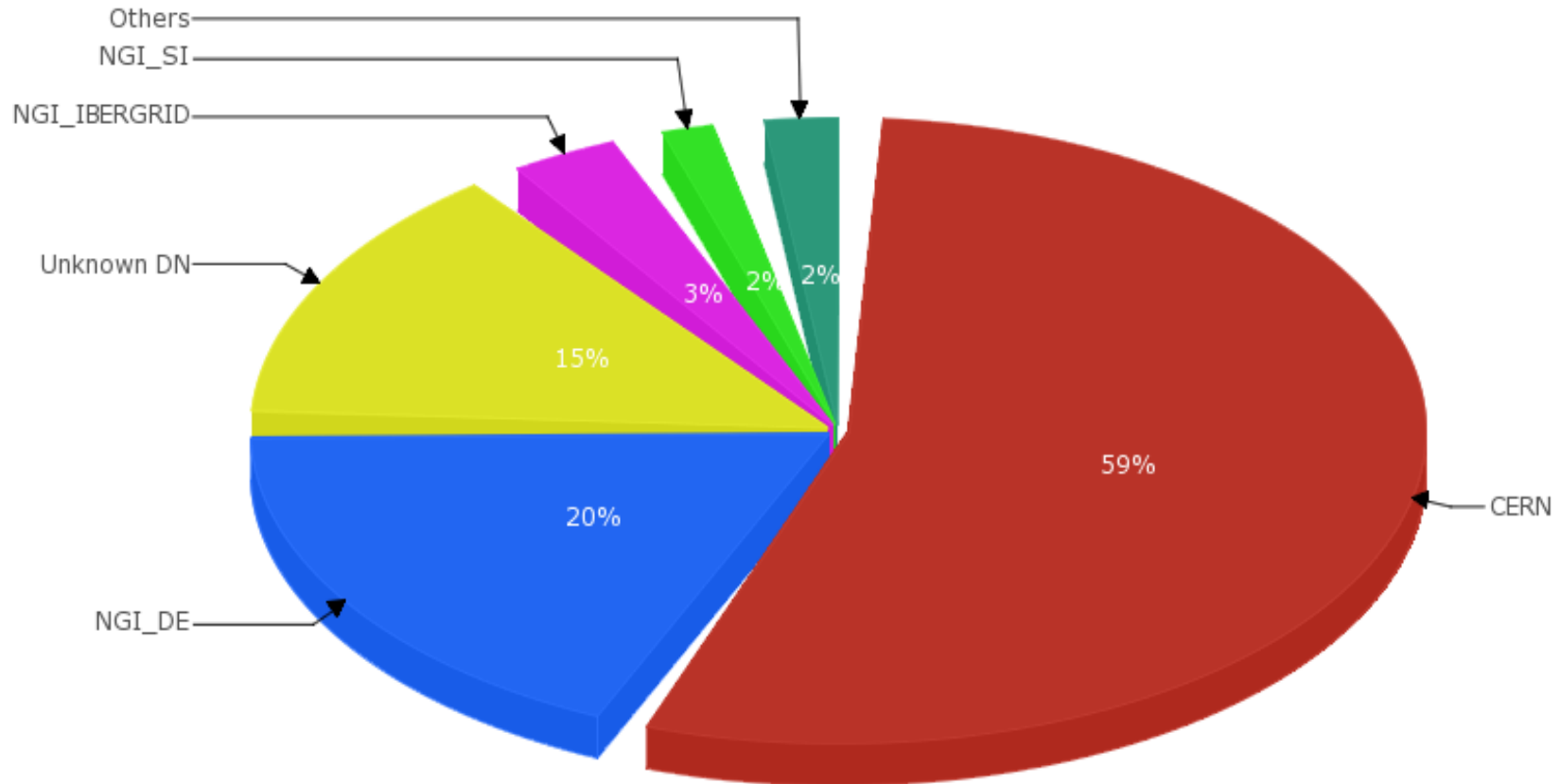
CERN users consume resources provided by:
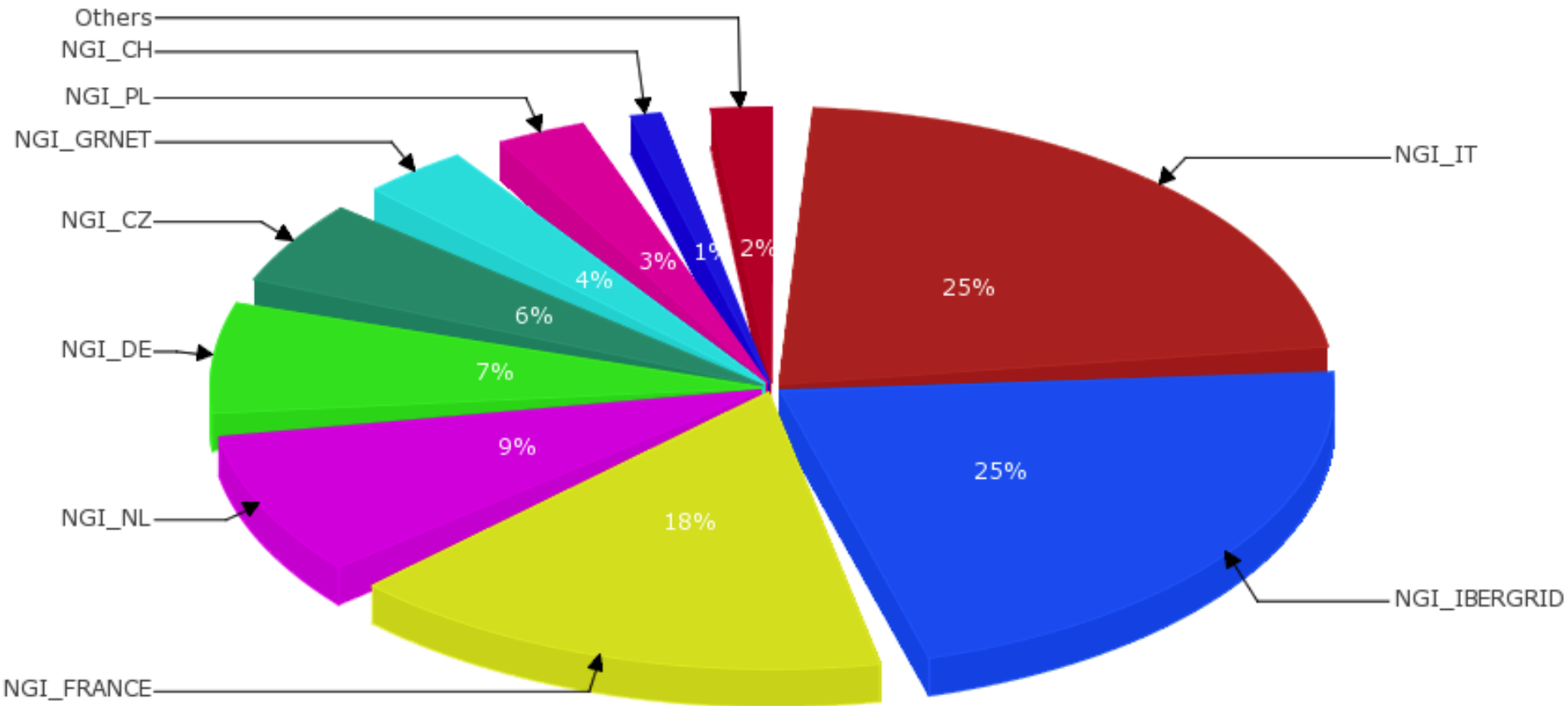
CERN resources are consumed by:

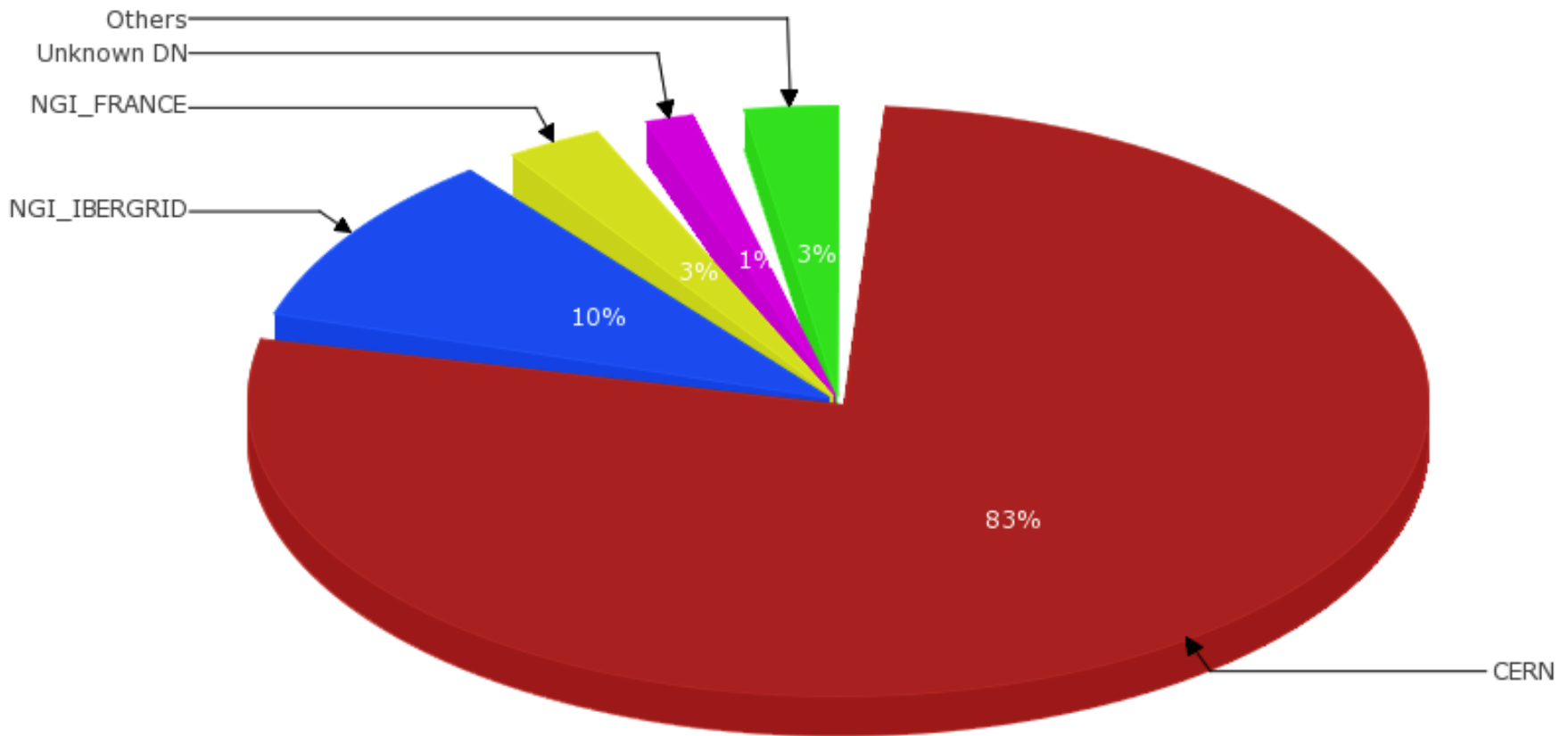NGI-DE users consume resources provided by:

NGI-DE resources are consumed by:
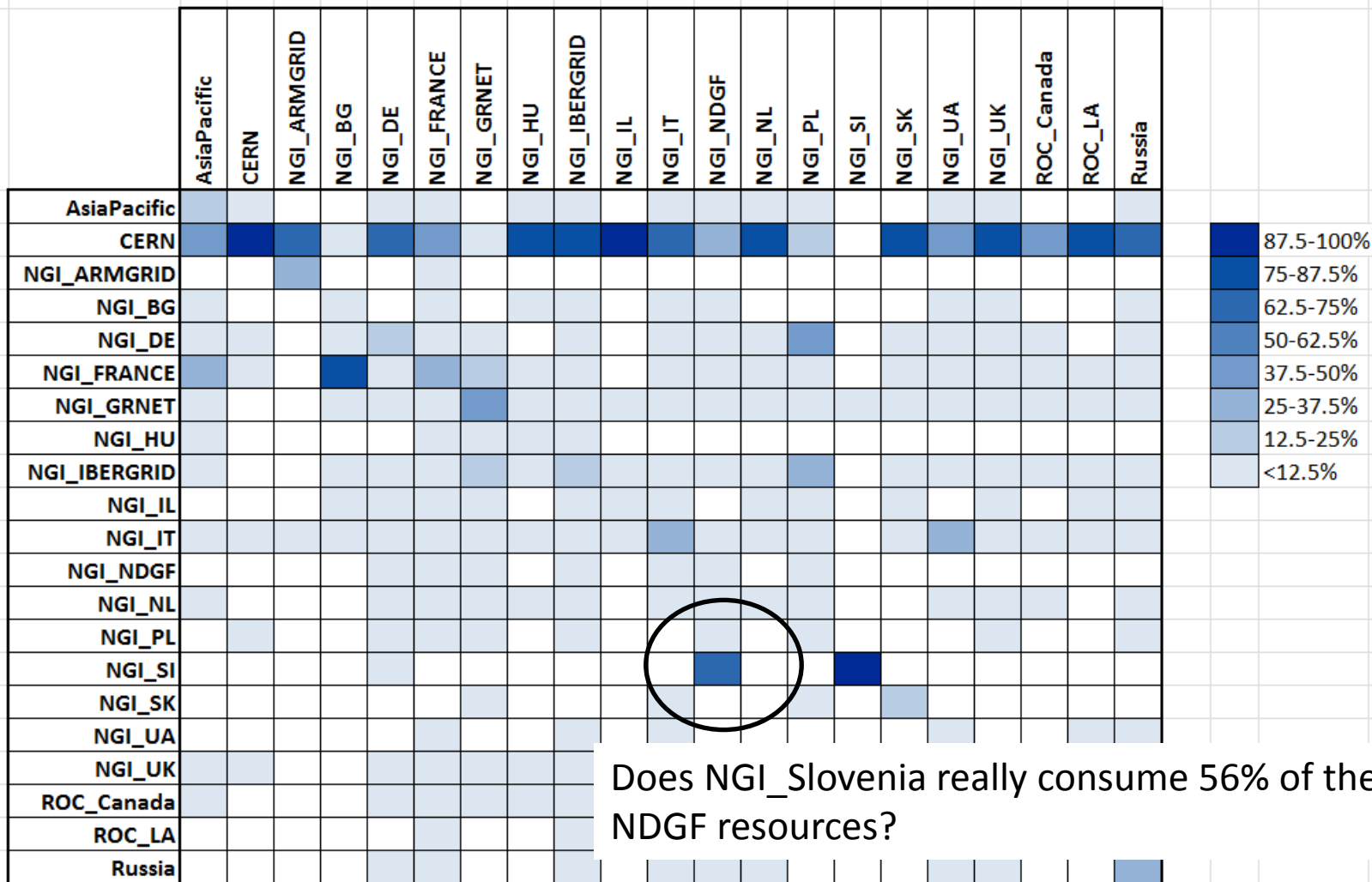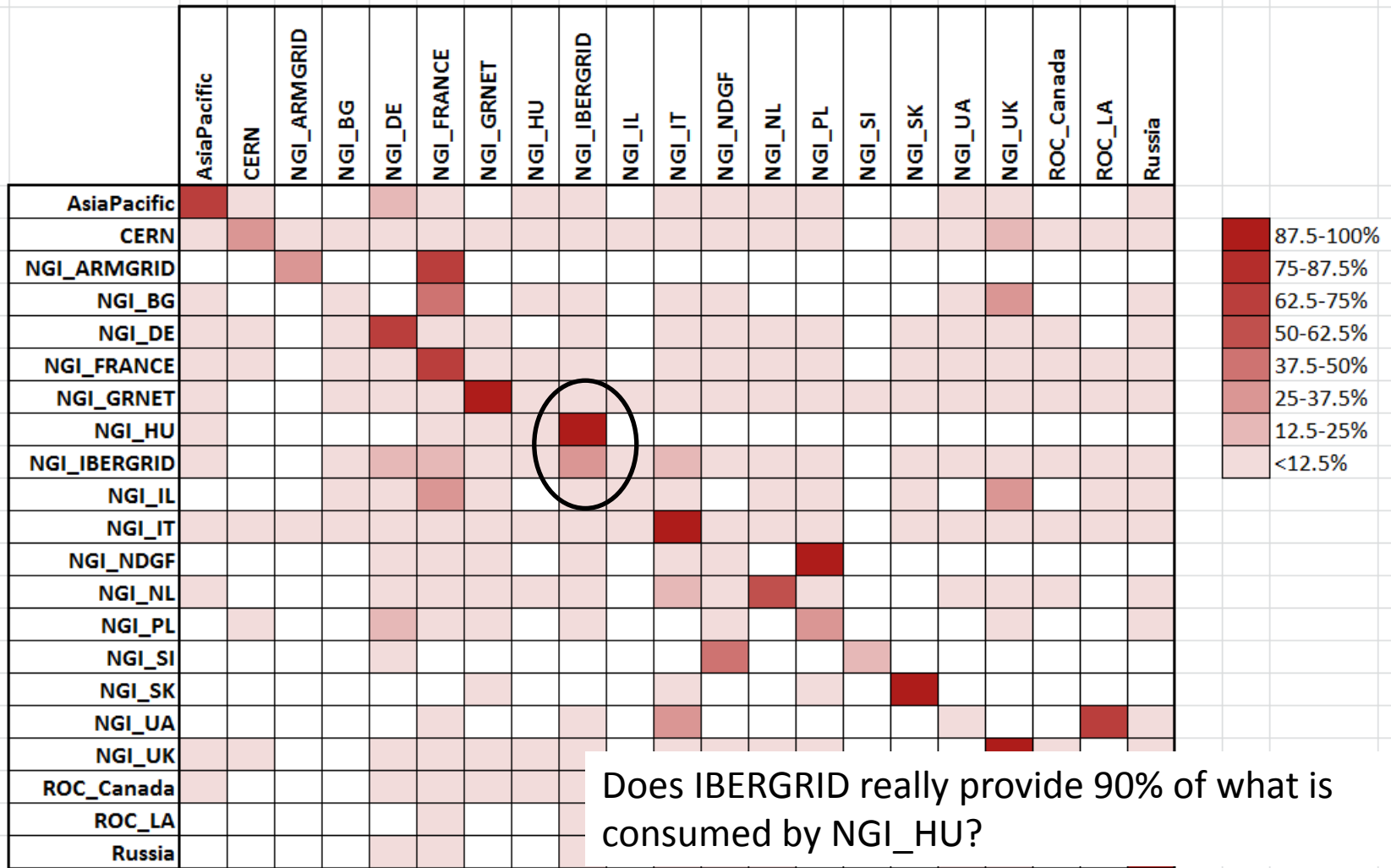
IBERGRID users consume resources provided by:

IBERGRID's resources are consumed by:

# Peculiarities & Issues

Percentage of resources provided by NGI at the top consumed by the NGI on the side



Does NGI_Slovenia really consume 56% of the NDGF resources?

| | 87.5-100% |
| | 75-87.5% |
| | 62.5-75% |
| | 50-62.5% |
| | 37.5-50% |
| | 25-37.5% |
| | 12.5-25% |
| | <12.5% |

# Peculiarities & Issues



Percentage of the consumption of NGI on the side provided by NGI at the top

| | 87.5-100% |
| | 75-87.5% |
| | 62.5-75% |
| | 50-62.5% |
| | 37.5-50% |
| | 25-37.5% |
| | 12.5-25% |
| | <12.5% |

Does IBERGRID really provide 90% of what is consumed by NGI_HU?

- ALL NGIS are encouraged to have a thorough look (to verify the data)
- The majority of the NGIs have most of their local resources consumed by external users.
- The majority of NGIs provide for most of the usage of their users
- Issues
  - Robot Certificates and Pilots Jobs
  - Storage Accounting

- VT inter NGI usage report:
  - http://go.egi.eu/1670 (SSO required)
  - Covers Q11 (November 2012 – January 2013)
- Inter NGI Charts
  - http://accounting.egi.eu/interngi_charts_ngi.php?
- Cross country Charts
  - http://accounting.egi.eu/interngi_charts_country.php