EPOS vision on data, metadata and access to computational research: a cooperative approach within ENVRIplus

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What is EPOS?

EPOS is a **long-term plan for the integration**

of research infrastructures for solid Earth Science in Europe

EPOS integrates the

existing (and future)

advanced European facilities

into

a single, distributed,

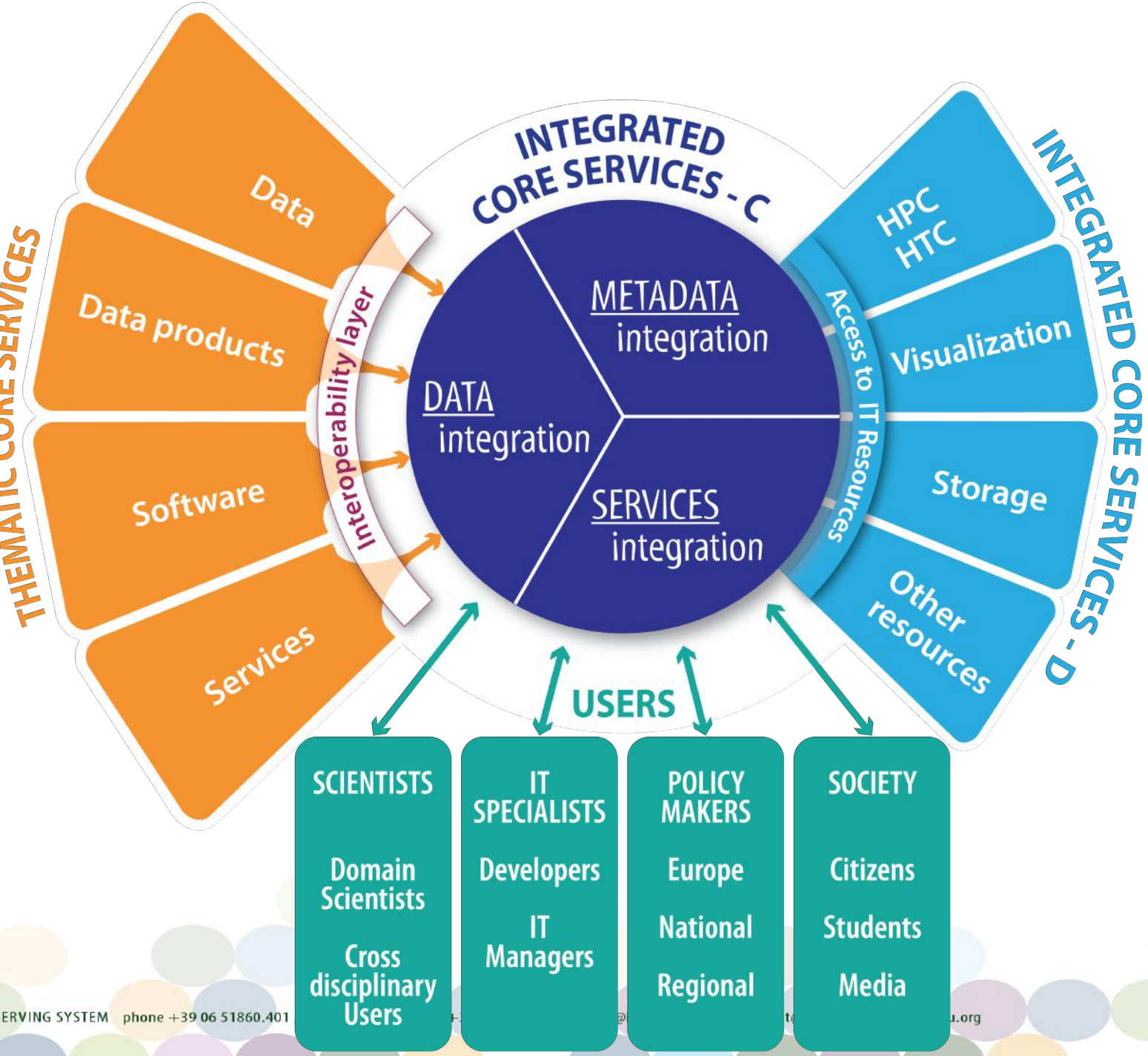
sustainable infrastructure

taking full advantage of new

e-science opportunities

Several PetaBytes of solid Earth Science data will be available

Several thousands of users expected to access the infrastructure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Services
Interoperability layer
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METADATA integration
DATA integration
SERVICES integration
Access to IT Resources
INTEGRATED CORE SERVICES - D
HPC HTC
Visualization
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Other resources
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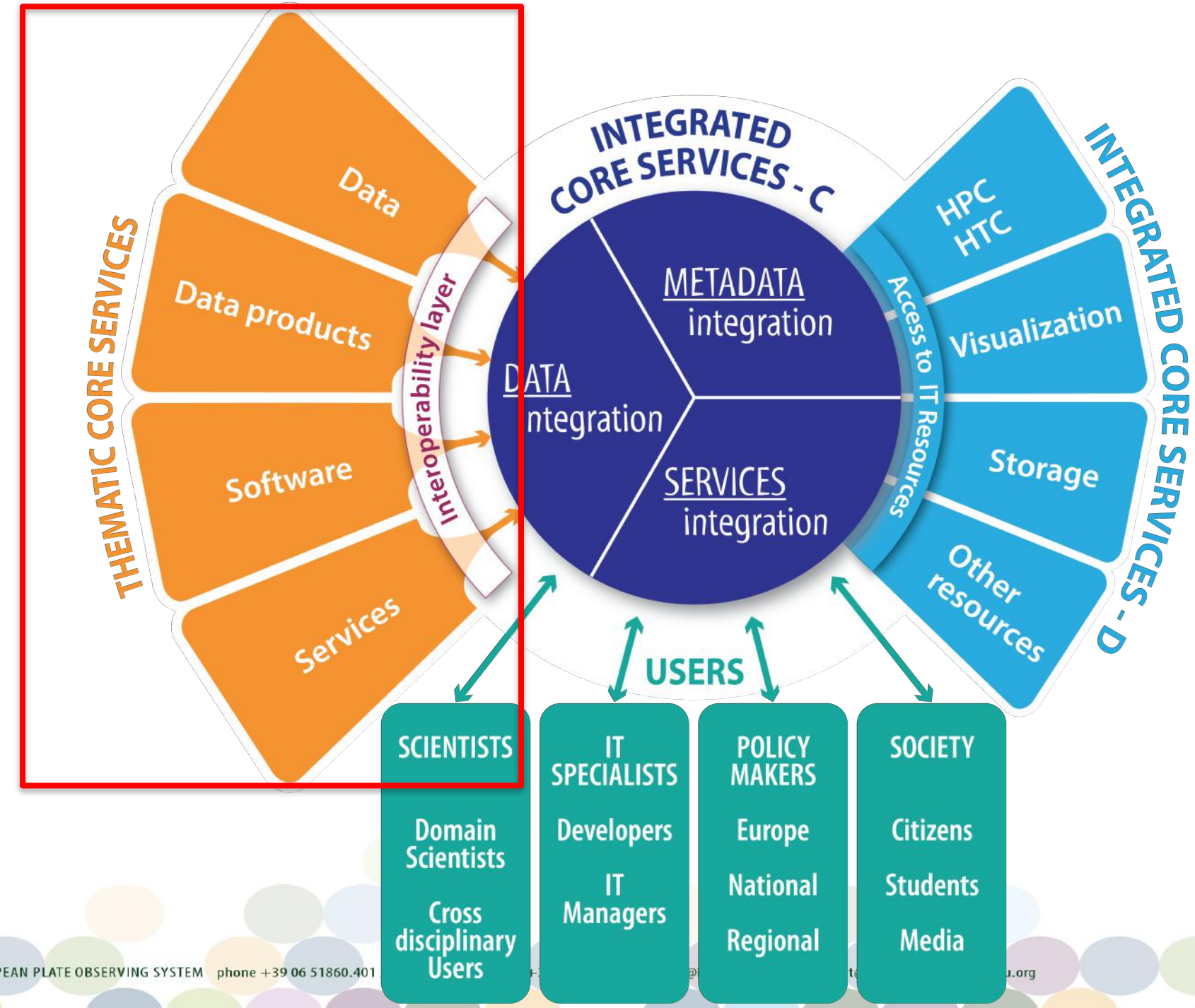
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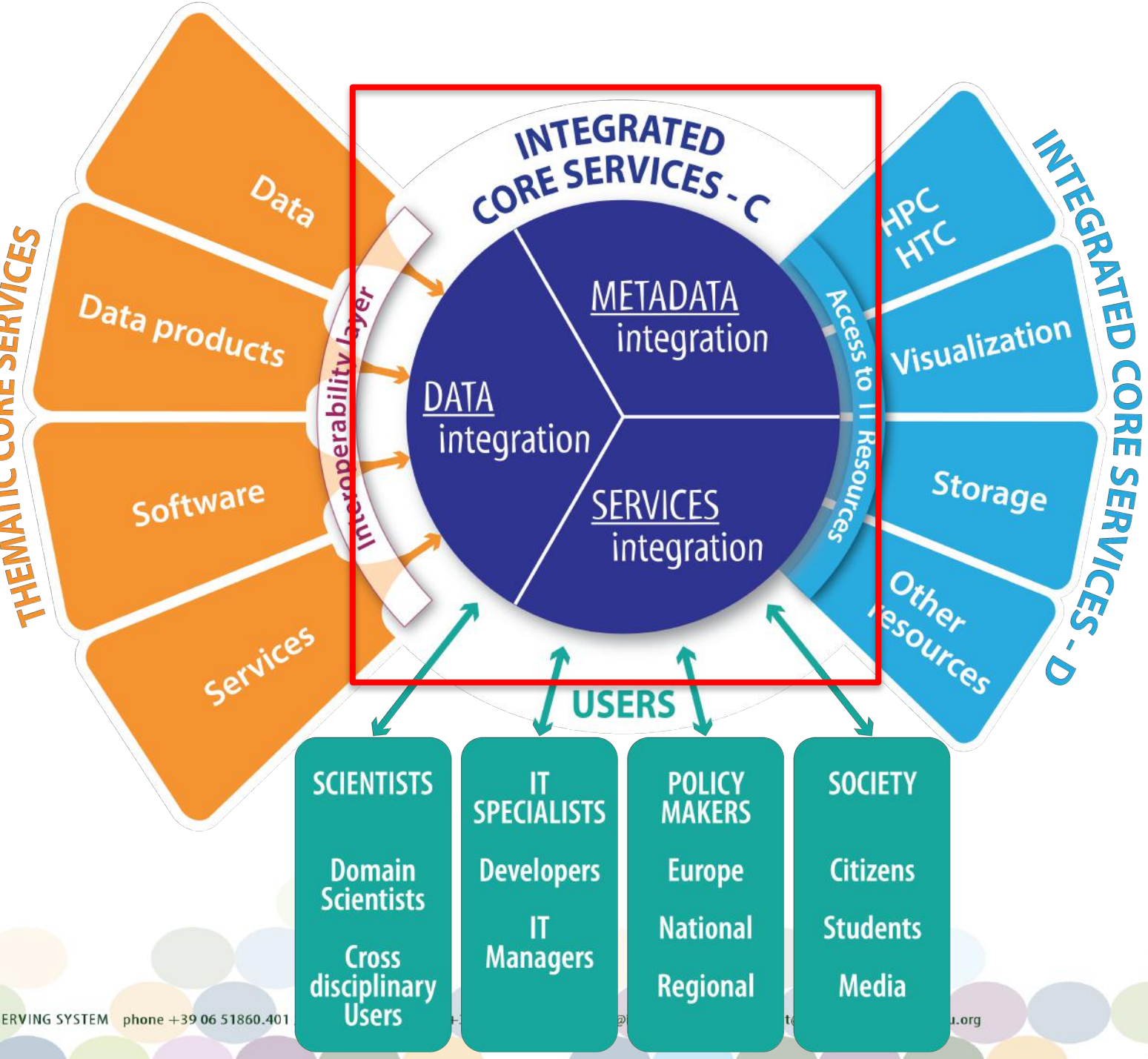
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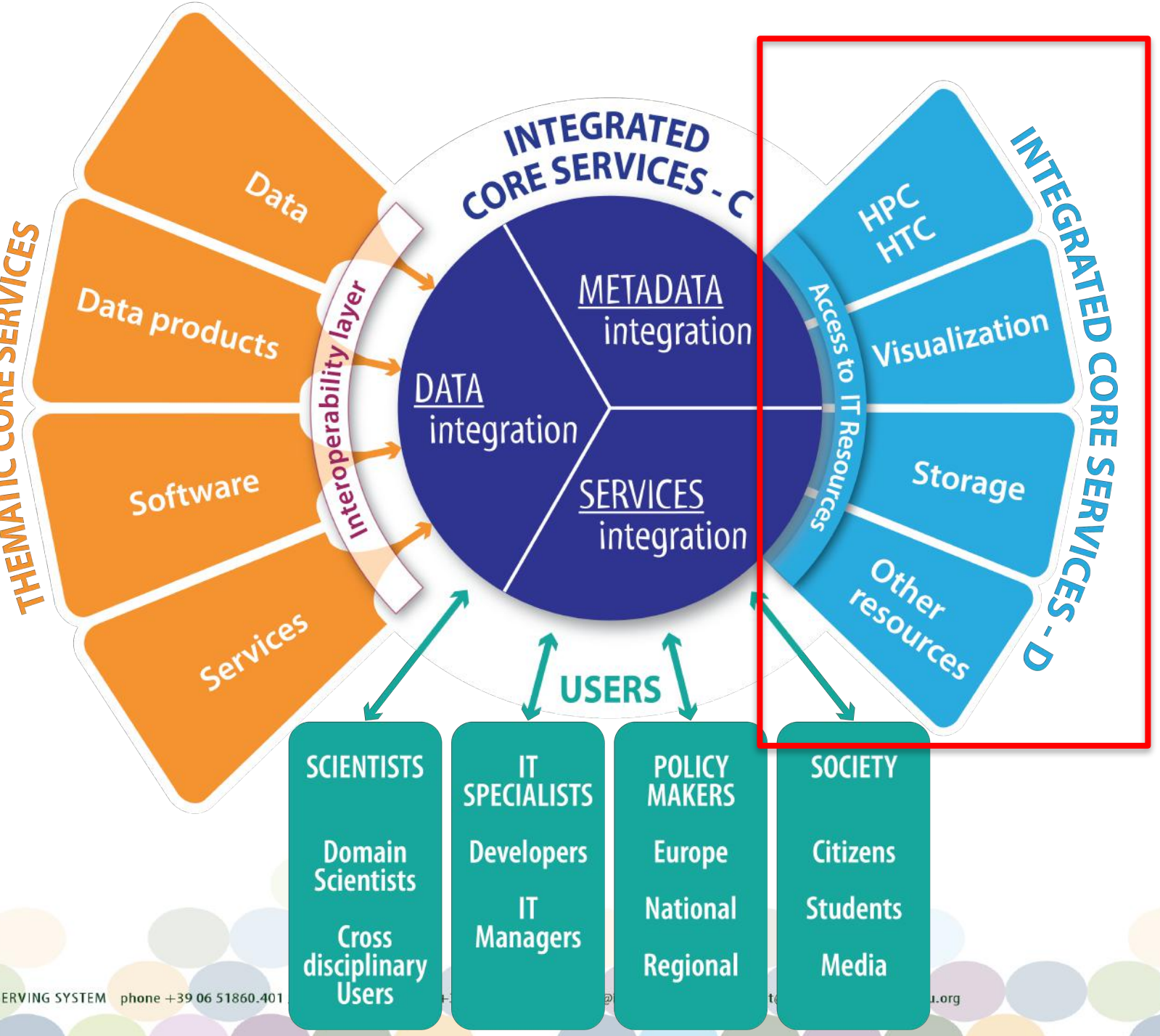
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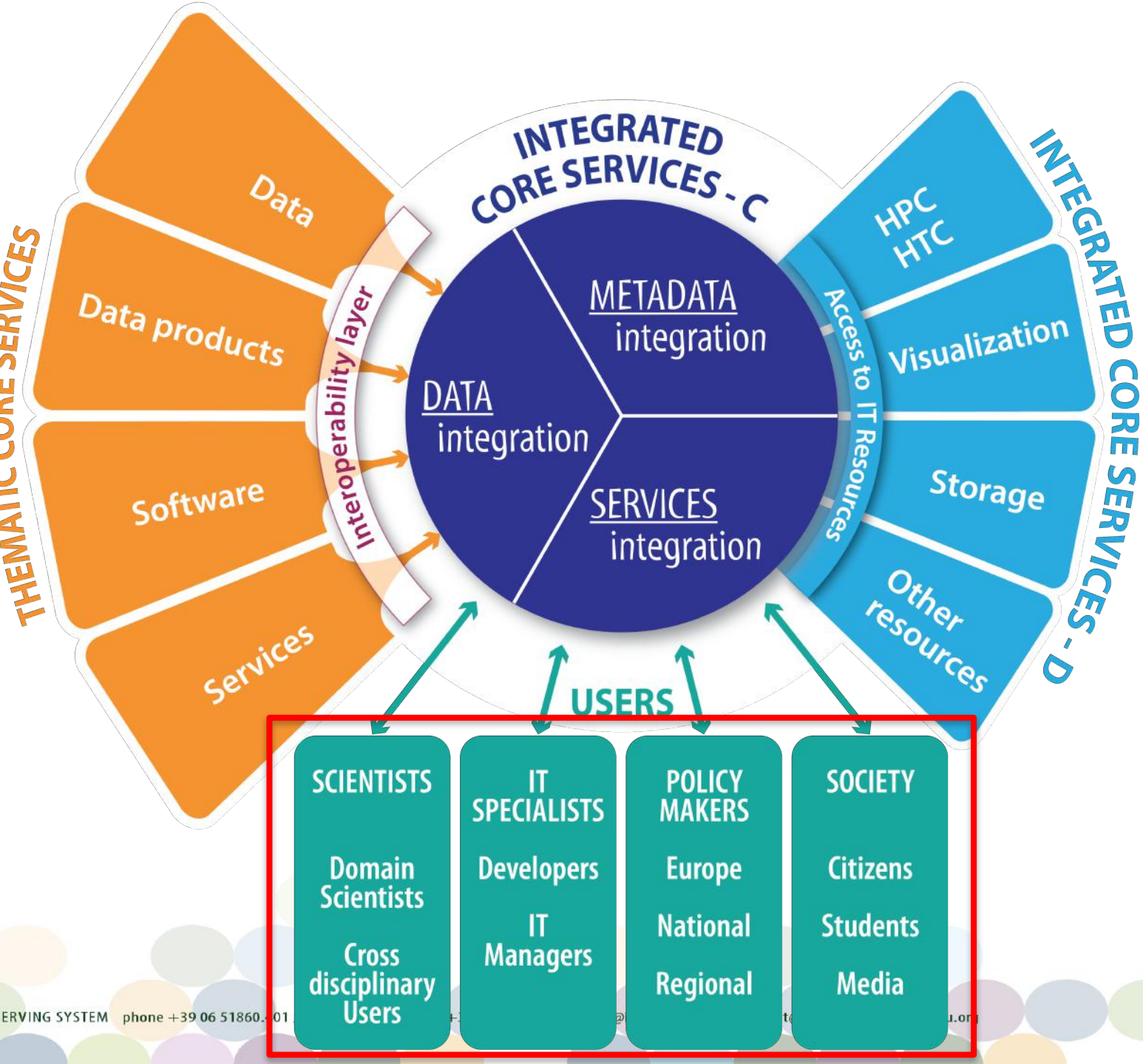
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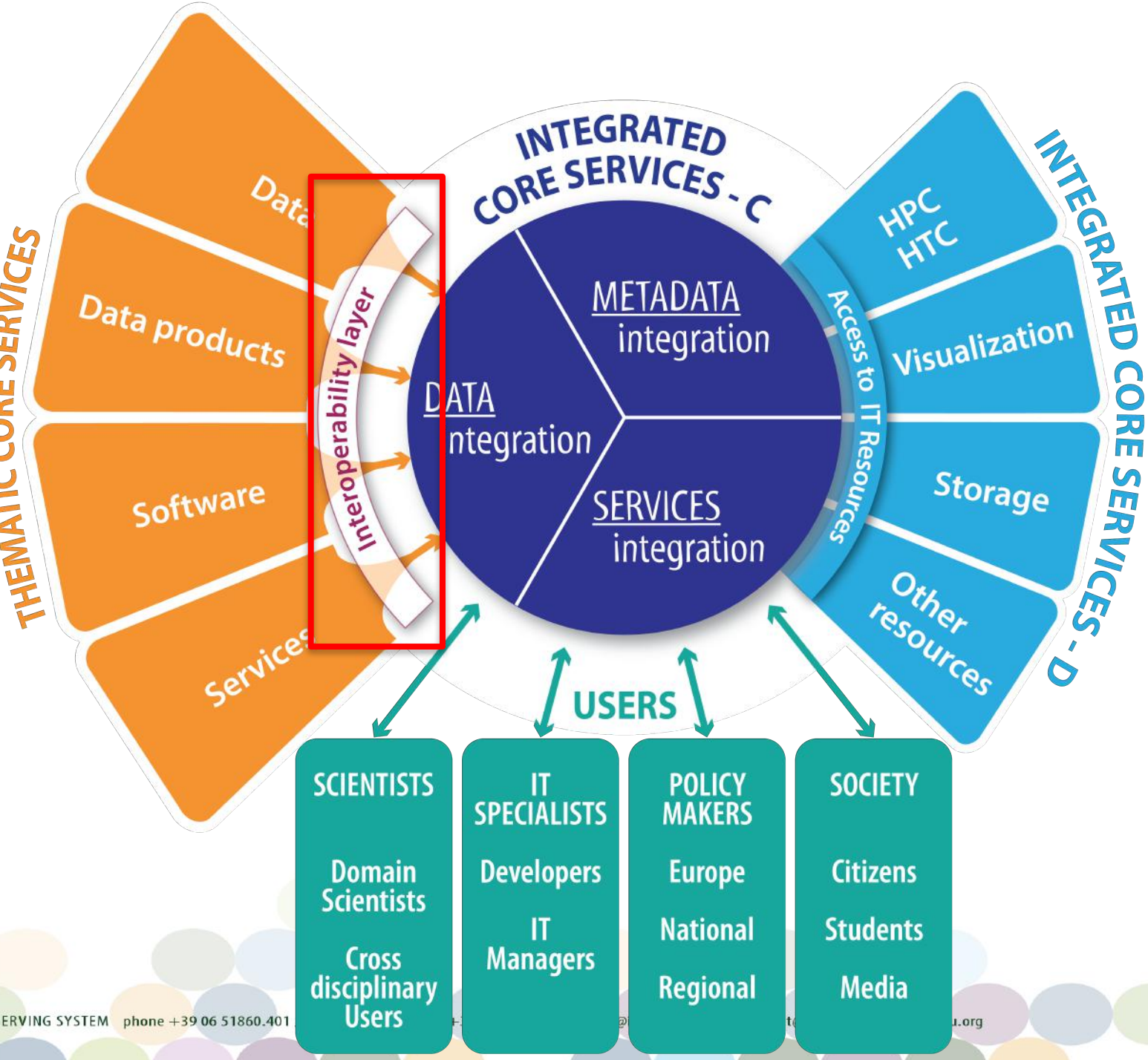
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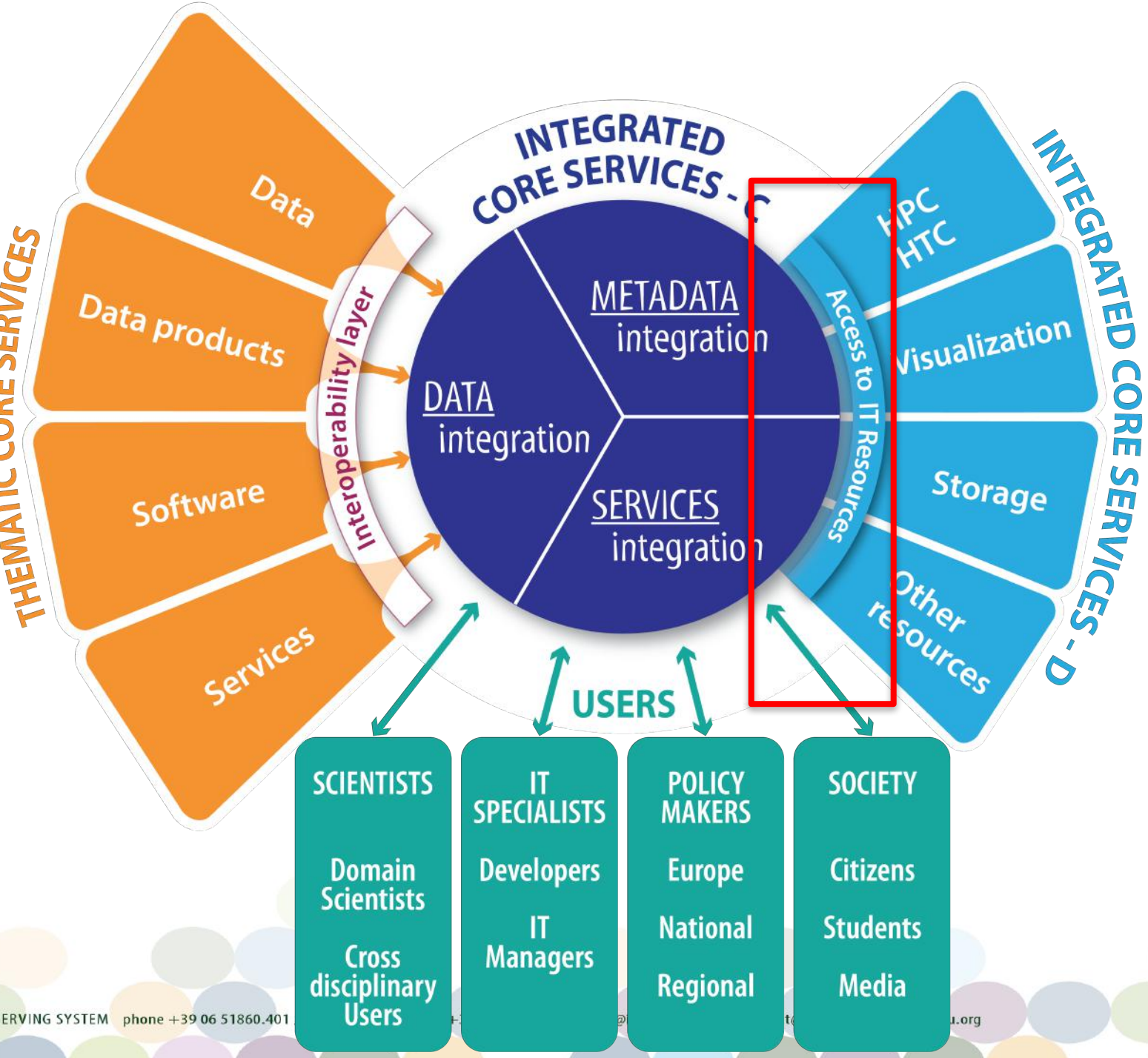
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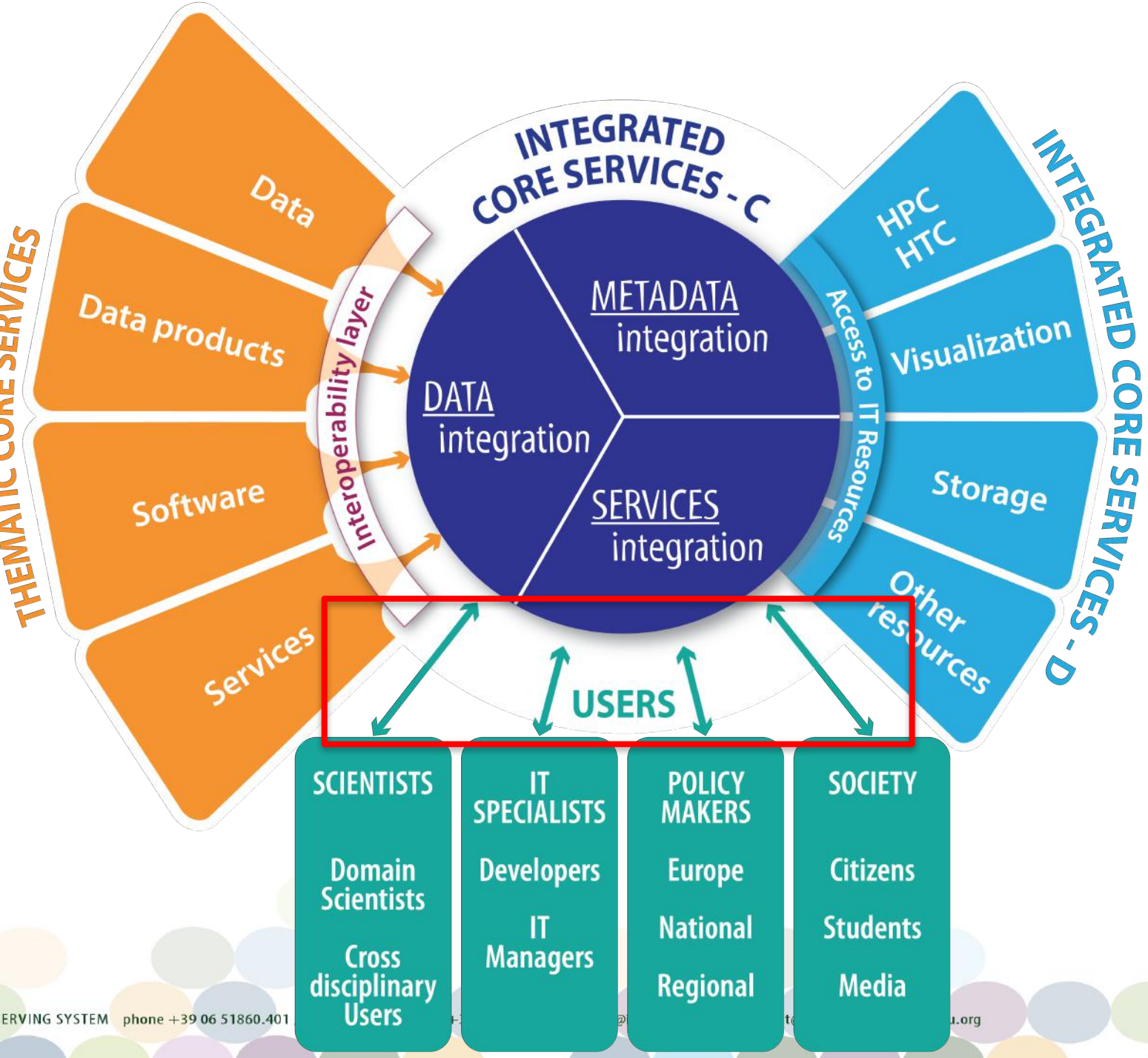
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Conclusion: cooperative approach

1. EPOS promotes an IT/scientists cooperative approach
2. It implies the discussion about procurement policies for accessing HPC & HTC resources
3. Coherence of DMP and technical architecture
    1. Legalistic issues (IPR, data policy and access rules)
    2. Governance (TCS, autonomous and in coordination with ERIC)
    3. Technical and financial sustainability
4. Urgency of collecting technical (metadata, architecture…), legal (data policies) and governance information from ENVRIplus community -> WIP

Thank You

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