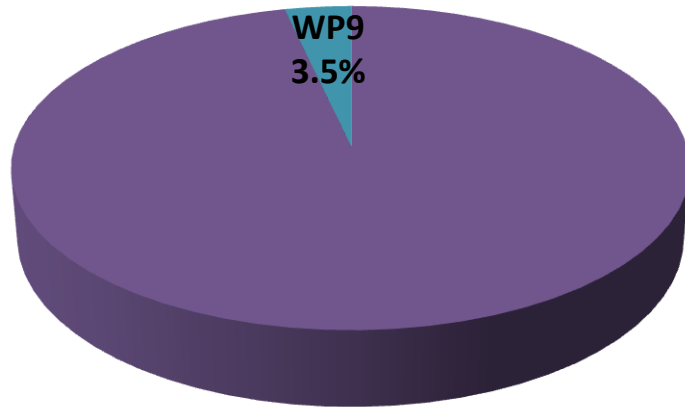# WP9– Evaluation, roadmap & development plan
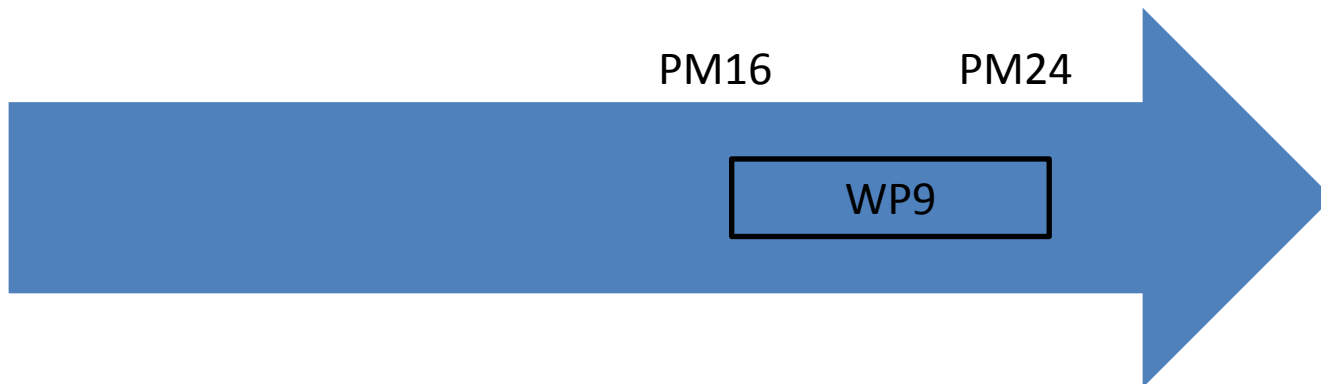
# WP Objectives

- To provide a well-informed exit strategy from the project in terms of understanding what has been achieved and what remains to be done.

- Specific goals:
  - Understand the cost-comparison between existing and cloud-based systems.
  - Understand constraints introduced by the cloud approach (e.g. security).
  - Publish a roadmap of future development issues.
  - Update existing Research Cloud Infrastructure strategy document to act as a development plan agreed between all stakeholder groups.

# Effort Contribution

- Lead Beneficiary: EMBL

| Person-Months per Participant | |
| --- | --- |
| **Participant** | **Person-months** |
| EMBL | 5.00 |
| T-Systems | 2.00 |
| **TOTAL** | **7.00** |

**WP9**
**3.5%**

PM16     PM24

WP9

# Recommendations from P1 review

- GA3: More elaborate roadmap showing how to move from IaaS to InfoaaS

- Consider extending partnerships to include Open Science and Citizen science protagonists

- New use cases (ECMWF, PIC, UNESCO) to be mentioned/addressed in D9.1: Published agreed roadmap of future development plans

# Implementation of recommendations

- *GA3: More elaborate roadmap showing how to move from IaaS to InfoaaS*

WP9 implemented this recommendation and D9.1 A Roadmap of Future Developments describe how to move from IaaS to InfoaaS, particularly in the dedicated chapter "Towards INFOaaS".
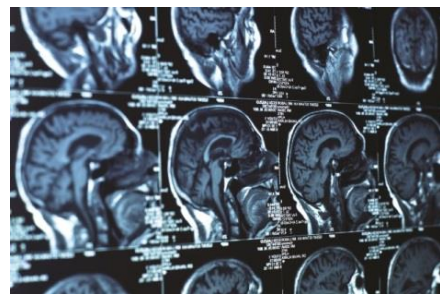
# Implementation of recommendations

- *Consider extending partnerships to include Open Science and Citizen science protagonists*

Due to high effort required by the preparation of the production phase this extension has been considered not feasible, at least in the short term.

# Implementation of recommendations

- *New use cases (ECMWF, PIC, UNESCO) to be mentioned/addressed in D9.1: Published agreed roadmap of future development plans*

The PICNICC flagship is still at very early stage but information on its future deployment are included in D9.1. Interactions started with ECMWF and UNESCO after the 2nd GA but these partners later have held activities related to Helix Nebula on hold.

# Scientific/technical achievements and their impact

- WP9 assessed the main results achieved by the project and identified key actions to be implemented to overcome present constraints in future developments

- A cost-comparison was included in D9.1

- Helix Nebula has become a key player able to exert a positive impact and to attract interest and support on the innovative concept of a federated hybrid cloud infastructure for Europe

**Actions**

**Strategy**

**Roadmap**

# Deliverables and Milestones – Period 1

| Type | Del. no | Name | Nature | Dissemination level | Date Delivered |
|------|---------|------|--------|---------------------|----------------|
| Deliverable | D9.1 | A roadmap of future developments | Report | PU | 6 June 2014 |
| Deliverable | D9.2 | Strategic Plan for a Scientific Cloud Computing Infrastructure for Europe: Three years on. | Report | PU | 6 June 2014 |

# Overall modifications, corrective actions, re-tuning of objectives

- No overall modifications, corrective actions or re-tuning of objectives to be reported

# Exploitation and use of foreground

- The Roadmap will guide the actions and future development of the partners within the Helix Nebula initiative to continue in a path of growth to scale up a robust and reliable cloud infrastructures for Europe

- The top level mid-term objectives in the Strategy ae going to provide the frame to orient the positioning of Helix Nebula in the cloud sector and its role in serving the European Research Area

# Collaboration with other beneficiaries

- The partners in WP9 worked closely with beneficiaries involved in flagship deployment, inter-operability with e-infrastructures, business models and governance models

- WP9 collaborated with all beneficiaries involved in the project to take stock of the progresses done in the last two years.

# Interaction with other FP7 projects, and stakeholders outside the consortium

- A continuous and useful dialogue with other e-Infrastructures and Cloud pojects funded under FP7 provided useful elements included in the Roadmap and Strategy

- WP9 also benefited from positive interactions with the European Cloud Partnership and the QMUL Cloud Legal Project

# Contribution to the dissemination of project results

- D9.1 and D9.2, now published, will be used to disseminate overall project results and future plans

# Thank you!

## Any question?