

# **EUCARD3: Education, Training,**

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# **Communication & Outreach NA**

**Update: e-learning meeting 13/11/15**

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# WP Outline

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## *Education, Training, Communication and Outreach for Accelerator Science (ETCO?)*

- Task 1:**        **Coordination and internal communication**
- Task 2:**        **Support and enhancement of ongoing training activities for accelerators in Europe**
- Task 3:**        **Provide an e-learning course: introduction to accelerator science, engineering and technology**
- Task 4:**        **Coordination, support and enhancement of communication/outreach activities for accelerators in Europe**

# Task 1 - resources – PRELIMINARY!

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**Coordination**             $\approx 0.5$  pm / year

**EU reporting**            $\approx 0.5$  pm / year

**Travels (4 p/annual meeting)**    2'800€ / year (700€/travel)

**Travels (2p/SC meeting)**            800€ / year    (400€/travel)

**Travels (1p/2 WP meetings)**        1'000€ / year (500€/travel)

**Total:**            4 person months (contributed)  
                         + 18.4k travel (EU)

# Task 2

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## **Support and enhancement of ongoing training activities for accelerators in Europe**

- **Monitor accelerator education and training provision in Europe, in a worldwide context.**
- **Promote sharing of resources and good practice throughout Europe.**
- **Assess needs for, and promote, additional education and training activities.**

**Deliverables: report; [www-resource?](#)**

# Task 2 - resources – PRELIMINARY!

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**Networking activity by the coordinators (initiation and organization of events, of exchange of experts, supervision of exploratory studies)**

**0.5-1 pm/year**

**Attendance annual meetings for members (5 p.)**      **3'500 € / year**

**One 3-day workshop per year (10 participants + organization)**  
**10'000€ / year**

**One 2-day topical workshop per year (5 p. + organization)**  
**5'000€ / year**

**Support of invitations of experts?**

**Support for exploratory studies?**

**Total: 4 person months (contributed) + 19k travel (EU)  
+ 25k www resource (EU)**

# Task 3

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**Provide an e-learning course: introduction to accelerator science, engineering and technology**

- **Survey existing e-learning initiatives in relevant physical sciences disciplines.**
- **Investigate the possibility of university accreditation of an e-learning course.**
- **Define the intellectual content of the e-learning course.**
- **Survey e-learning tools and select an appropriate tool.**
- **Set up the e-learning course in test mode.**
- **Define resources required to launch, maintain and run the e-learning course.**

**Deliverables: report? e-learning course**

# Task 3 - resources – PRELIMINARY!

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**Networking activity by the coordinators (initiation and organization of events, of exchange of experts, supervision of exploratory studies)**

**0.5-1 pm/year**

**Attendance annual meetings for members (5 p.)**      **3'500 € / year**

**One 3-day workshop per year (10 participants + organization)**  
**10'000€ / year**

**One 2-day topical workshop per year (5 p. + organization)**  
**5'000€ / year**

**Support of invitations of experts?**

**Support for exploratory studies?**

**Total: 28 person months (4 contributed, 24 EU = 168k?)**

**+ 19k travel (EU)**

**+ 100k e-learning infrastructure (EU)**

# Task 4

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## **Coordination, support and enhancement of external communication/outreach activities for accelerators in Europe**

- **Monitor accelerator outreach activities in Europe in the global context.**
- **Promote sharing of resources and good practice throughout Europe.**
- **Assess needs for, and promote, additional outreach activities.**

**Deliverables: report, [www-resource?](#)**



# Task 4 - resources – PRELIMINARY!

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**Networking activity by the coordinators (initiation and organization of events, of exchange of experts, supervision of exploratory studies)**

**0.5-1 pm/year**

**Attendance annual meetings for members (5 p.)**      **3'500 € / year**

**One 3-day workshop per year (10 participants + organization)**

**10'000€ / year**

**One 2-day topical workshop per year (5 p. + organization)**

**5'000€ / year**

**Support of invitations of experts?**

**Support for exploratory studies?**

**Total: 4 person months (contributed) + 19k travel (EU)  
+ 25k www resource (EU)**

# Resources summary – PRELIMINARY!

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**Task 1:** 4 pm (contrib) + 18k travel (EU)

**Task 2:** 4 pm (contrib) + 19k travel (EU)  
+ 25k www resource (EU)

**Task 3:** 4 pm (contrib) + 24 pm (EU) = 168k  
+ 19k travel (EU)  
+ 100k e-learning infrastructure (EU)

**Task 4:** 4 pm (contrib) + 19k travel (EU)  
+ 25k www resource (EU)

**Total:** 16 contrib pm + 393k: EU / total = 77% (high!)

# Comments

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- Programme looks plausible
- Total cost fits within guideline of 400k!
- Costs for tasks 1, 2, 4 reasonable (algorithmic!)
- Cost for task 3 needs more careful attention
- Overall EU / total cost fraction is rather high
- **Input and suggestions are very welcome!**