# FP6-RTN Network "CONSTITUENTS, FUNDAMENTAL FORCES AND SYMMETRIES OF THE UNIVERSE" 

THE BUDGET

This is the budget as approved by the EC (see also the Contract Preparation Forms (CPF's). The essential parts of the budget are:

## (A) Monthly living allowance

This is the monthly salary of the young researcher. The yearly rate for the Early Stage Researchers ( $\mathrm{ESR}=\mathrm{PhD}$ students) is 30.550,- Euro ( $N_{E S R}^{1}$ ) if hired by a contract or $15.275,-$ Euro $\left(N_{E S R}^{2}\right)$ for researchers receiving a stipend. It is assumed in the budget that all the ESR's except for Sofia and Craiova will get a stipend. The yearly rate for the Experienced Researchers ( $\mathrm{ER}=$ postdoc) is 47.000 ,- Euro $\left(N_{E R}^{1}\right)$ if hired by a contract or 23.500 ,- Euro $\left(N_{E R}^{2}\right)$ for researchers receiving a stipend. It is assumed in the budget that all the ER's will get a contract. Note that the living allowance is subject to the country dependend correction coefficient $c_{i}$.

Researchers will be officially only employed by the main contracting nodes. The number of ER months for every node is $m_{i}$, the number of ESR months for every node is $\tilde{m}_{i}$. Therefore the researcher budget will only appear at the main nodes, and the postdoc/PhD distribution among the main contractor and the subcontractor(s) should be discussed inside the main node. So, in conclusion, the (A)-part of the budget for every contrcating node is computed vy the following formula:

$$
\begin{equation*}
A_{i}=c_{i}\left(N_{E R}^{1} \times \frac{m_{i}}{12}+N_{E S R}^{1,2} \times \frac{\tilde{m}_{i}}{12}\right) \tag{1}
\end{equation*}
$$

## (B) Travel allowance

The travel allowance for a period of 12 months is based on the direct distance between the place of origin and the host institution of the researcher. It varies between 500,- and 1000,- Euro per yar.

## (C) Mobility allowance

The mobility allowance is foreseen to cover additional expenses as relocation, family charges, language course etc. Is is 800 ,- Euro per month for a
married researcher and 500,- Euro per month for an unmarried researcher. Furthemore it is subject to the country dependend correction coefficient $c$.

## (D) Carrer exploratory allowance

This is 2000,- Euro per fellow, but only for fellows selected for stays of at least one year.

## (E) Contribution to the participation expenses of the researchers

These are the expenses for the participating of the ESR/ER to the research and training activities (workshop, school, visits). It is 4.800,- Euro per researcher per year. Note, in the previous network this was part of the networking budegt.

The sum of items $(A)-(E)$ is the part of the budget for young researchers. It makes about $67 \%$ of the total budget.

## (F) Contribution to the training and transfer of knowledge programme

This is the part of the budget for networking expenses. It is based on the size of the groups and also on the participation in the previous network activities where to every group i a label $p_{i}$ is assigned, which goes from 1 to 3 . So a group with the label $p_{i}$ will get the fraction $p_{i} / 72$ of this part of budget:

$$
\begin{equation*}
F_{i}=F^{\prime} \times \frac{p_{i}}{72} . \tag{2}
\end{equation*}
$$

(One yearly unit corresponds to 1.900 Euro.) Note that also the supporting teams (subcontractors) participate from this part of the budget. Furthermore note that the F-part for Munich contains an additional sum of $81.223,16$ Euro for common activites (workshops, schools), i.e. $F^{\prime}=$ $F-81.223,16$ Euro.

## (G) Management

These are the expenses for the audit certifications, namely 2000,- Euro for every contracting node. In addition it contains 5000,- Euro for Padova/Trieste for organzing the school in 2005, as well as 60.000,- Euro for Munich for hiring a part time secretary.

## (H) Overhead

These are $10 \%$ of the direct costs for each contracting mode, i.e. the sum

$$
(\mathrm{A}+\mathrm{B}+\mathrm{C}+\mathrm{D}+\mathrm{E}+\mathrm{F}) / 10 .
$$

All this leads to the following budget distribution:

|  | $p_{i}^{j}$ | $m_{i} / \tilde{m}_{i}$ | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Munich | 3 | 24/0 | 97.582 | 1.000 | 19.929,60 | 2.000 | 9.600 | 104.023,16 | 62.000 | 23.412,44 | 319.537,20 |
| 2. Potsdam | 3 | 0/0 |  |  |  |  |  | 22.800 | 2.000 | 2.280 | 27.080 |
| 3.1 Barcelona <br> 3.2 Valencia | $\begin{aligned} & 2 \\ & 1 \end{aligned}$ | 12/0 | 44.039 | 800 | 8.995,20 | 2.000 | 4.800 | $\begin{gathered} 15.200 \\ 7.600 \end{gathered}$ | 2.000 | 8343,42 | $\begin{gathered} 86.177,62 \\ 7.600 \end{gathered}$ |
| 4.1 Madrid 4.2 Santiago/Oviedo | $\begin{aligned} & 2 \\ & 2 \\ & 1 \end{aligned}$ | 0/12 | 14.312,68 | 800 | 7308,60 | 2.000 | 4.800 | $\begin{gathered} \hline 15.200 \\ 7.600 \end{gathered}$ | 2.000 | 5.202,13 | $\begin{gathered} 51.623,41 \\ 7.600 \end{gathered}$ |
| 5.1 Bures IHES 5.2 Ecole Pol. | $\begin{aligned} & 2 \\ & 2 \end{aligned}$ | 24/0 | 98.418 | 1.000 | 20.102,40 | 2.000 | 9.600 | $\begin{aligned} & 15.200 \\ & 15.200 \end{aligned}$ | 2.000 | 16.152,04 | $\begin{gathered} \hline 164.472,44 \\ 15.200 \end{gathered}$ |
| 6.1 Paris ENS <br> 6.2 Saclay | $\begin{aligned} & 3 \\ & 2 \\ & 2 \end{aligned}$ | 0/0 |  |  |  |  |  | $\begin{aligned} & 22.800 \\ & 15.200 \end{aligned}$ | 2.000 | 3.800 | $\begin{aligned} & 28.600 \\ & 15.200 \end{aligned}$ |
| 7. Copenhagen | 3 | 24/0 | 121.354 | 1.400 | 24.787,20 | 2.000 | 9.600 | 22.800 | 2.000 | 18.194,12 | 202.135,31 |
| 8. Dublin | 2 | 0/12 | 16.527,55 | 800 | 8.439,60 | 2.000 | 4.800 | 15.200 | 2000 | 4.776,72 | 54.543,87 |
| 9.1 Frascati 9.2 Napoli | $\begin{aligned} & 2 \\ & 2 \end{aligned}$ | 12/12 | 61.839,08 | 1.000 | 17.278,20 | 4.000 | 9.600 | $\begin{aligned} & \hline 15.200 \\ & 15.200 \\ & \hline \end{aligned}$ | 2.000 | 12.411,73 | $\begin{gathered} 123.329,01 \\ 15.200 \end{gathered}$ |
| 10.1 Torino 10.2 T-Polytechn. 10.3 Alessandria | $\begin{aligned} & \hline 3 \\ & 1 \\ & 1 \\ & \hline \end{aligned}$ | 24/0 | 93.342 | 1.000 | 19.065,60 | 2.000 | 9.600 | $\begin{gathered} \hline 22.800 \\ 7.600 \\ 7.600 \end{gathered}$ | 2.000 | 16.300,76 | $\begin{gathered} \hline 166.108,36 \\ 7.600 \\ 7.600 \\ \hline \end{gathered}$ |
| 11. Leuven | 3 | 24/0 | 94.000 | 1.000 | 19.200 | 2.000 | 9.600 | 22.800 | 2.000 | 14.860 | 165.460 |
| 12. London | 3 | 24/0 | 105.750 | 1.000 | 21.600 | 2.000 | 9.600 | 22.800 | 2.000 | 16.275 | 181.025 |
| 13. Neuchatel | 2 | 18/0 | 87.984 | 1.000 | 17.971,20 | 2.000 | 7.200 | 15.200 | 2.000 | 13.175,52 | 146.930,72 |
| 14.1 Patras 14.2 Athens | $\begin{aligned} & 2 \\ & 1 \end{aligned}$ | 12/12 | 54.552,90 | 2.000 | 15.242,40 | 4.000 | 9.600 | $\begin{gathered} 15.200 \\ 7.600 \end{gathered}$ | 2.000 | 10.819,53 | $\begin{gathered} 113.414,83 \\ 7.600 \end{gathered}$ |
| 15. Sofia | 2 | 0/24 | 44.053,10 | 2.000 | 11.247,60 | 2.000 | 9.600 | 15.200 | 2.000 | 8.410,08 | 94.510,78 |
| 16.1 Utrecht | 3 | 24/0 | 97.666 | 1.000 | 19.948,80 | 2.000 | 9.600 | 22.800 | 2.000 | 15.301,48 | 170.316,28 |
| 17. Bonn | 3 | 12/0 | 48.786 | 500 | 9.964,80 | 2.000 | 4.800 | 22.800 | 2.000 | 8.885,08 | 99.735,88 |
| 18. Reikjavik | 1 | 0/12 | 15.275 | 1.000 | 7.800 | 2.000 | 4.800 | 7.600 | 2.000 | 3.847,50 | 44.322,50 |
| 19.1 Padova 19.2 Trieste | $\begin{aligned} & \hline 2 \\ & 2 \end{aligned}$ | 24/0 | 93.342 | 1.000 | 19.065,60 | 2.000 | 9.600 | $\begin{aligned} & 15.200 \\ & 15.200 \end{aligned}$ | 6.000 | 15.540,76 | $\begin{gathered} \hline 161.748,36 \\ 15.200 \end{gathered}$ |
| 20.1 Milano-Bic. <br> 20.2 Milano I | $\begin{aligned} & 2 \\ & 2 \end{aligned}$ | 24/0 | 93.342 | 1.000 | 19.065,60 | 2.000 | 9.600 | $\begin{aligned} & 15.200 \\ & 15.200 \end{aligned}$ | 2.000 | 15.540,76 | $\begin{gathered} 157.748,36 \\ 15.200 \end{gathered}$ |
| 21.1 Bruss. VUB <br> 21.2 Bruss. ULB | $\begin{aligned} & \\ & \hline 2 \\ & 2 \end{aligned}$ | 12/12 | 62.275 | 1.000 | 17.400 | 4.000 | 9.600 | $\begin{aligned} & 15.200 \\ & 15.200 \end{aligned}$ | 2.000 | 12.467,50 | $\begin{gathered} 123.942,50 \\ 15.200 \end{gathered}$ |
| 22. Edinburgh | 1 | 0/12 | 17.184,38 | 700 | 8.775 | 2.000 | 4.800 | 7.600 | 2.000 | 4.105,94 | 47.165,32 |
| 23. Zürich | 1 | 0/18 | 28.594,80 | 1.000 | 14.601,60 | 2.000 | 7.200 | 7.600 | 2.000 | 6099,64 | 89.096,04 |
| 24. Craiova | 1 | 0/12 | 16.833,05 | 1.000 | 4.297,80 | 2.000 | 4.800 | 7.600 | 2.000 | 3.653,09 | 42.183,94 |
| 25. Groningen | 2 | 12/0 | 48.833 | 500 | 9.974,40 | 2.000 | 4.800 | 15.200 | 2.000 | 8130,74 | 91.438,14 |
| Totals | 72 | 306/138 | 1.455.875,53 | 23.900 | 342.061,20 | 52.000 | 177.600 | 628.423,16 | 114.000 | 267.985,98 | 3.061.845,87 |

