

# OPERA Funding issues

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- Cost of the Experiment and Spending Profile per year (update)
- Finances 2010: final version
- 2011 forecast
- Resource Coordinator's CONCERNS

In October 2010 I reported the following

Not Granted: 46 K€

**No more nightmares:** affordable...  
but NO contingency for next year if the missing money will not arrive

The missing money did not arrived and we have at present NO contingency,  
Moreover the situation is slightly worsened.

## Spending Profile

|           | 2008                 | 2009                | 2010                     | 2011*                         |
|-----------|----------------------|---------------------|--------------------------|-------------------------------|
| Spent     | 979.7                | 1074.7              | 1101.2                   | 1140.3                        |
| Granted   | 1033.1               | 1018.8              | 1052.2                   | 991,9 *                       |
| Residuals | 147.3<br>(res. 2007) | 53.4<br>(res. 2008) | 22.7-37,1<br>(res. 2009) | 14,7-24,7-59,5<br>(res. 2010) |

\* Personal estimation

2010

|             |        |          |          |          | Availability |               |           |
|-------------|--------|----------|----------|----------|--------------|---------------|-----------|
| Country     | Member | Request  | Grant    | 2009 Res | Sp. home     | at LNGS       | at AC     |
| Italy       | 52,5   | 449,5    | 455,0    |          | 50.0         | 405.0         |           |
| Switzerland | 16     | 137,0    | 137.0    | -0,5     | 137.0        |               |           |
| France      | 17,5   | 149,8    | 151,5    |          | 60.0         |               | 91.5      |
| Germany     | 12     | 102,7    | 102,7    |          |              | 35.9          | 66.8      |
| Belgium     | 2      | 17,1     | 17,3     |          |              |               | 17.3      |
| Japan       | 27     | 148,1+eS | 128,2    |          | 128.2        |               |           |
| Korea       | 5      | 8,9+eS   | 4,4      |          | 4.4          |               |           |
| JINR        | 7      | 15,3+eS  | 15,4     |          |              |               | 15.4      |
| Croatia     | 4      | 24,7     | 13,5**   | 8,1      | 21.6**       |               |           |
| Turkey      | 4      | 8,7+eS   | 8,8      |          |              |               | 8.8       |
| MSU+LPU     | 5+5    | 21,8+eS  | 13,0     |          | 13.0         |               |           |
| INR         | 7      | 15,3+eS  | 0        | 0        | 0            |               |           |
| ITEP        | 2      | 4,4+eS   | 0        | 0        | 0            |               |           |
| Tunisia     | 3      | 6,6+eS   | 0 *      | 4,4 * ?? | 0            |               |           |
| Israel      | 1      | 6,2      | 6,2      | 6,0      |              |               | 12,2      |
|             |        |          |          |          |              | 22.7(res. 09) | -37.1(09) |
| TOTAL       | 170    | 1116,3   | 1053,0 → | 1066.6   | 413.7        | 463.6         | 174.9     |
|             |        |          |          |          | 1052.2       |               |           |

\* Not Confirmed by INFN the transfer of 4.4 K € in March 2010

\*\*Processed trough OPERA CERN account and Switzerland

Excerpt form Nagoya CB meeting:

| Country          | Members    | Requested<br>2011 | Resid.<br>2010 | Granted<br>2011 | Spent<br>home | At LNGS      | To transfer<br>to INFN |
|------------------|------------|-------------------|----------------|-----------------|---------------|--------------|------------------------|
| Italy            | 52,5       | 486,7             | 5,5            | 460,0           | 50,0          | 410,0        |                        |
| Switzerland      | 16         | 139,1             | -9,0           | 148,1           | 148,1         |              |                        |
| France           | 15,5       | 143,7             | 1,7            | 142,0           | 60,0          |              | 82,0                   |
| Germany          | 8          | 83,4              |                | 65,0            |               |              | 65,0                   |
| Belgium          | 2          | 18,5              | 0,2            | 18,3            |               |              | 18,3                   |
| Japan            | 28         | 153,5*            |                | 100,0           | 100,0         |              |                        |
| Korea            | 5          | 9,6*              |                |                 |               |              |                        |
| JINR             | 7          | 16,4*             | 0,1            | 16,3            |               |              | 16,3                   |
| Croatia          | 4          | 26,5              |                |                 |               |              |                        |
| Turkey           | 4          | 9,4*              | 0,1            | 9,3             |               |              | 9,3                    |
| MSU + LPU        | 5 + 5      | 23,4*             |                |                 |               |              |                        |
| INR              | 8          | 18,7*             |                |                 |               |              |                        |
| ITEP             | 2          | 4,7*              |                |                 |               |              |                        |
| Israel           | 1          | 6,6               |                | 6,5             |               |              | 6,5                    |
| <i>Residuals</i> |            |                   | -1,4           |                 |               | 14,2         | -24,7                  |
| <b>Total</b>     | <b>163</b> | <b>1140,3</b>     |                | <b>965,5</b>    | <b>358,1</b>  | <b>424,2</b> | <b>172,7</b>           |

## 2010 Finances: summary

| <b>Contribution</b> | <b>Residuals</b>                  | <b>total</b> |
|---------------------|-----------------------------------|--------------|
| 1066,6 K€           | +22,7-37,1 (2009)                 | 1052,2       |
| <b>Spent</b>        |                                   |              |
| 1101,2              | -14,2+24,7 (2010) – 59,5(deficit) | 1052,2       |

Debit covered by LNF and INFN-AC down payments

## 2011 Finances: forecast

| <b>Membership</b> | <b>Requested</b> | <b>Granted</b> |
|-------------------|------------------|----------------|
| 163               | 1140,3           | 965,5          |

The OPERA Coll. Board decided to ask to some groups which contribute mainly with shifts to redefine their membership lists to reduce deficit

# The adopted change: INR from 8 to 6 memberships

2011

| Country     | Member | Request  | 2010 Res | Grant  | Sp. home | at LNGS       | at AC     |
|-------------|--------|----------|----------|--------|----------|---------------|-----------|
| Italy       | 52,5   | 488,2    | 5,5      | 460,0  | 50.0     | 410.0         |           |
| Switzerland | 16     | 139,5    | -9,0     | 148,5  | 148.5    |               |           |
| France      | 15,5   | 144,1    | 1,7      | 142,0  | 60.0     |               | 82.0      |
| Germany     | 8      | 83,7     |          | 83,4   |          |               | 83.4      |
| Belgium     | 2      | 18,6     | 0,2      | 18,3   |          |               | 18.3      |
| Japan       | 28     | 154,2+eS |          | 100,0  | 100.0    |               |           |
| Korea       | 5      | 9,7+eS   |          |        |          |               |           |
| JINR        | 7      | 16,6+eS  | 0,1      | 16,3   |          |               | 16.3      |
| Croatia     | 4      | 26,9     |          | 13,5 ? |          |               |           |
| Turkey      | 4      | 9,5+eS   | 0,1      | 9,4 ?  |          |               | 9.4       |
| MSU+LPU     | 5+5    | 23,7+eS  |          | 16,7   |          |               |           |
| INR         | 6      | 14,2+eS  |          | 0      |          |               |           |
| ITEP        | 2      | 4,7+eS   |          | 0      |          |               |           |
| Israel      | 1      | 6,7      |          | 6,7    |          |               | 6.7       |
|             |        |          |          |        |          | 14.2(res. 10) | -24.7(10) |
| TOTAL       | 161    | 1140,3   |          | 991,9  | 358.5    | 424.2         | 191.4     |

## 2011 Finances: forecast

| Membership | Requested | Granted |
|------------|-----------|---------|
| 161        | 1140,3    | 991,9   |

Missing 148,4 K€ (2011)

- 64 from Japon+Korea
- 28 from INFN
- 19 from INR+ITEP,
- 7 from MSU+LPU
- 27 from Croatia (but 13 envisageable ?)
- 9 from Turkey (but envisageable ?)
- 3 from several countries (late update)
- + 9 from Switzerland residual

missing: 148,4 K€ (2011) + 59,5 K€ (debit) = 207,9 K€

## Resource Coordinator CONCERNS

Major expenses for OPERA: man-power contracts  
Awful handling...

INFN issues:

- art.15 needs about 2 months to be handled
- art. 2222 (much less expensive) needed 2-3 months,  
from January 2010 needed 4-5 months (Italian Bureaucracy)  
from October 2010 needed 5-6 months ! (look *Fracasso*)

Administrative acts are more and more complicated by INFN parts  
Tenders are more delicate and complicated to be handled by INFN

**RUP is not “covered” by any insurance**  
(not possible to use money from OPERA Collaboration)

Slide presented at the October 2010 FA meeting

2011 forecast.

| item            | allocated   | Note/Res. 10   |
|-----------------|-------------|----------------|
| BMS             | 103,3       |                |
| TT maintenance  | 10,0        |                |
| GAS(RPC-HPT)    | 169,0+30,0  | (about 20 gas) |
| Brick Handling  | 10,0        |                |
| Development     | 332,0       |                |
| Scanning (EU+J) | 158,0+100,0 |                |
| Site support    | 94,0        |                |
| DB (Lyon+GS)    | 50,0+50,0   |                |
| Consumable      | 35,0        |                |
| TOTAL           | 1140,3      |                |
|                 |             |                |
| Residual 2010   |             |                |