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- Visegrad Fund

**Radon in thermal waters and radon risk  
in chosen thermal water spas in V4 countries**

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Budget Distribution

**Total subsidy from the fund amounts to:  
EUR 15,000-**

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- The 1st installment in the amount of EUR 12,000- (transferred)
- The 2nd installment in the amount of EUR 3,000- within 30 working days after the delivery of the Final Report (deadline of the Final Report 30/01/2015)

## Preliminary distribution of funds

ITEM	Amount in EUR		
	Awarded	In-kind contribution	Total
Printing and publishing cost, delivery	0	120	120
Fees for experts (experts + detectors)	9,660	5,200	14,860
Accommodation and board	2,100	0	2,100
Transportation costs	2,750	800	3,550
Office supplies and consumption materials	0	1,600	1,600
PR costs	0	80	80
Website design and update	0	200	200
Overhead	490	0	490
Total	15,000	7,200	23,000

The conditions in the budget:

Overhead / Awarded =  $490 / 15,000 = 0,0326 \Rightarrow 3,26\%$  (max 5%)

Awarded / Total =  $15,000 / 23,000 = 0,652 \Rightarrow 65,2\%$  (max 70%)

## Detailed Budget Distribution

Activity	CZ	HU	PL	SK	Total
detectors (Raduet+Ramarn) with their evaluation	-	-	-	-	5,560
Sample collection (water, detectors)	210	630	630	630	2,100
Data evaluation and discussion	300	300	300	300	1,200
Scientific advising	800	-	-	-	800
Accommodation and board for 2 meetings	-	-	-	-	2,100
Travelling to the meetings	100	300	300	100	800
Placing of detectors (transport)	180	590	590	590	1,950
Coordination (overheads)	-	-	-	490	490
<b>Total</b>	<b>1,590</b>	<b>1,820</b>	<b>1,820</b>	<b>2,110</b>	<b>15,000</b>

## Cost of transportation to the locations of the meetings (Train return tickets – according to the Slovak law)

	Distance between Teplice and departure location in km	Proportional amount [EUR]	Distance between Bratislava and departure location in km	Proportional amount [EUR]	Total EUR
Bratislava	419	71	0	0	71
Prague	92	19	328	55	74
Krakow	597	164	458	105	269
Veszprém	569	188	155	56	244
Total	1676	442	941	216	658

## Slovak law allows to compensate the car travel cost:

- 1) Car depreciation and fuel costs
- 2) Refund expenses determined by the cost of train or bus tickets (after an approval)

high => not possible to cover from the budget

$$\text{Car: depreciation + fuel: } \left[ \underbrace{\left( 597 \text{ km} \times 0,183 \frac{\text{€}}{\text{km}} \right)}_{109,3\text{€}} + \underbrace{\left( \frac{7 \text{ l}}{100 \text{ km}} \times 1,45 \frac{\text{€}}{\text{l}} \times 597 \text{ km} \right)}_{60,6\text{€}} \right] \times 2 = 339,8\text{€}$$

Refund of travel expenses by public transportation (after approval):

$$81,8 \text{ €} \times 2 \sim 164 \text{ €}$$

## Detailed Budget Distribution

Activity	CZ	HU	PL	SK	Total
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<b>Placing of detectors (transport)</b>	180	590	590	590	1,950
Coordination (overheads)	-	-	-	490	490
Total	1,590	1,820	1,820	2,110	15,000

this money should cover travelling ~ 6000 km (0.1 € per km)

## Proposed total amount

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- Institute of Nuclear Physics PAN (IFJ PAN), Laboratory of Radiometric Expertise, Krakow, PL

**1,820- EUR**

- Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava, SK

**2,110- EUR**

- RADON v.o.s., Prague, CZ

**1,590- EUR**

- Social Organisation for Radioecological Cleanliness, Veszprém, HU

**1,820- EUR**



## Proposal for cost accounting

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Experts' fees - the experts will be pay by a signed contract for work

Transportation to the meeting and placing of detectors:

- the refund will be the same as the cost of travelling by train
- we need the signed approval about the refund of travel costs
- during the placing of detectors - we will have to supply evidence for the price of a travel ticket (train/bus) for example from the internet, or to provide a statutory declaration about its price

## Detectors bought from the budget:

After a discussion:

RAMARN

– primary measurements – 360 pc



RSFW

– comparison measurements – ~ 80 pc



**Special thanks to the Visegrad Fund**

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