



**REFRESH** - Unlocking potential of the Institute of Animal **R**eproduction and **F**ood **R**esearch for reinforced ERA integration and regional development



# Spotkanie Coordination Board

Olsztyn 20 stycznia 2012

Institute of Animal Reproduction and Food Research of Polish  
Academy of Sciences, Olsztyn, Poland

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## Plan spotkania:

1. Przedstawienie Menadżera ds. współpracy z przemysłem
2. Prezentacje WP Liderów planów na najbliższe 3 miesiące  
wg. kolejności pakietów pracy (WP 2,3,4,5,6)
3. Dyskusja i wolne wnioski



**REFRESH** - Unlocking potential of the Institute of Animal **R**eproduction and **F**ood **R**esearch for reinforced ERA integration and regional development



Zgodnie z ustaleniami na spotkaniu październikowym w Gdańsku  
w grudniu 2011 został przesłany do członków  
Advisory Board „Action Plan for 2012”



## Project REFRESH

“Unlocking the Institute of Animal Reproduction and Food Research  
potential for reinforced ERA integration and regional development”

## Action Plan for 2012



## WP. 2 FOOD

### OUTGOING 2012

	1	2	3	4	5	6	7	8	9	10	11	12	9,5./42 REM
BŁASZCZAK													
ŚWIĄTECKA													
PENKACIK		IFR	IFR	IFR	IFR	DIS/CIAL	IFR	IFR	YATA	YATA	DIST	DIST	2
URBALEWICZ						HES			MURC	MURC			4
HORSZWALD						DIST			ICTAN	ICTAN			
FORNAL			UCD						CSIC		DIST	DIST	1,5
JELIŃSKI						UCD							1
GÓRECKI													
AMAROWICZ		IFR											
KOSIŃSKA													
BĄCZEK									YATA	YATA			
KRUPA-KOZAK									YATA				9,5

Within WP2 additional Experienced Researcher (ER) in mass spectrometry will be employed for 19 months starting from 15<sup>th</sup> February 2012 until 31<sup>st</sup> August 2013.



## WP. 2 FOOD

### Incoming visits - 2012

Partner	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Rosel (Yata)			1 W									
Guignon Ber				1 M								
SANZ (CSIC)				1 W								
MARCO DISTAM								1 M				
ROSANA YATA			1 M		1 M	1 M(?)						
KARLA SEGOVIA									1 M			
ANA BERMONDO									1 M			
TAO YANG		1 M										
SUN DA-WEN												
FRAIS JUANA							1 M		1 M			
SCHIRALDIA.						1 W						
FESSAS D.												
MORRIS V												

### Abbreviations:

M – month(s)

W - week

## WP.3. BIODIVERSITY- protection with bioengineering & biotechnological tools

### Plans for I-IV. 2012

**Task 3.1. Exchange of know-how and experience through twinning and networking - visits (dr I. Woclawek-Potocka, K. Lukasik)**

**Task 3.2. Recruitment of experienced researchers (dr. Marek Bogacki)**

**Task 3.3. Facilitation of IAR&FR staff participation at international conferences (D.J. Skarzynski)**

**Task 3.4. Organising Scientific Conference on: *Reproductive Biotechnology as a Tool for Animal Biodiversity and Wild Animals Welfare* (dr G. Bodek, M. Siemieniuch)**

**Task 3.5. Organising Scientific Workshop on *use of environmental factors in modulation of reproductive performance* (dr hab. J. Skipor)**



## **Out-going visits - 2012**

Partner	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1. LMU (Munich)			<b>Kamil Krawczyński (3 Mo.)</b>									
		A. Waclawik (1 Week)				M. Kaczmarek (1 Mo.)			A. Waclawik (2. Mo)			
		<b>Joanna Nynca (6 Mo.)</b>							P. Kaczenski (2 Mo.)			
2. FAFE (Rehovot, Israel)	<b>Karolina Lukasik (4 Mo.)</b>											
		A. Korzekwa (1 Mo)		Michał Wróbel (1 Mo) ???	M. Bogacki (1 Week)	T.Więsak (1 Mo.)			M. Wasielak (3 Mo.)			
3. CIISA (Lisbon, Portugal )	<b>Dorota Boruszewska (3 Mo)</b>											
	<b>Anna Kitewska (1 Mo.)</b>					M. Bah (1 Mo.)						
VF-UZ (Zurich, Switzerland)	<b>Aneta Andronowska (1 week)</b>					Ewelina Jursza (04.06. - 01.07. 1 Mo.)		A. Waclawik (19.- 26.08; 1 week)	E. Morawska (26.8- 25.09; 1 Mo.)			

## In-comming visits - 2012



## TASK 3.3. Facilitation of IAR&FR staff participation at international conferences:

### 47 Annual Meeting of Physiology and Pathology of Reproduction, February 2012, Berlin, Germany.

Ilona Kowalczyk-Zięba i wsp. Lysophosphatidic acid (LPA)  
can inhibit nitric oxide (NO) action during functional and  
structural regression of the bovine corpus luteum (*oral  
presentation*)

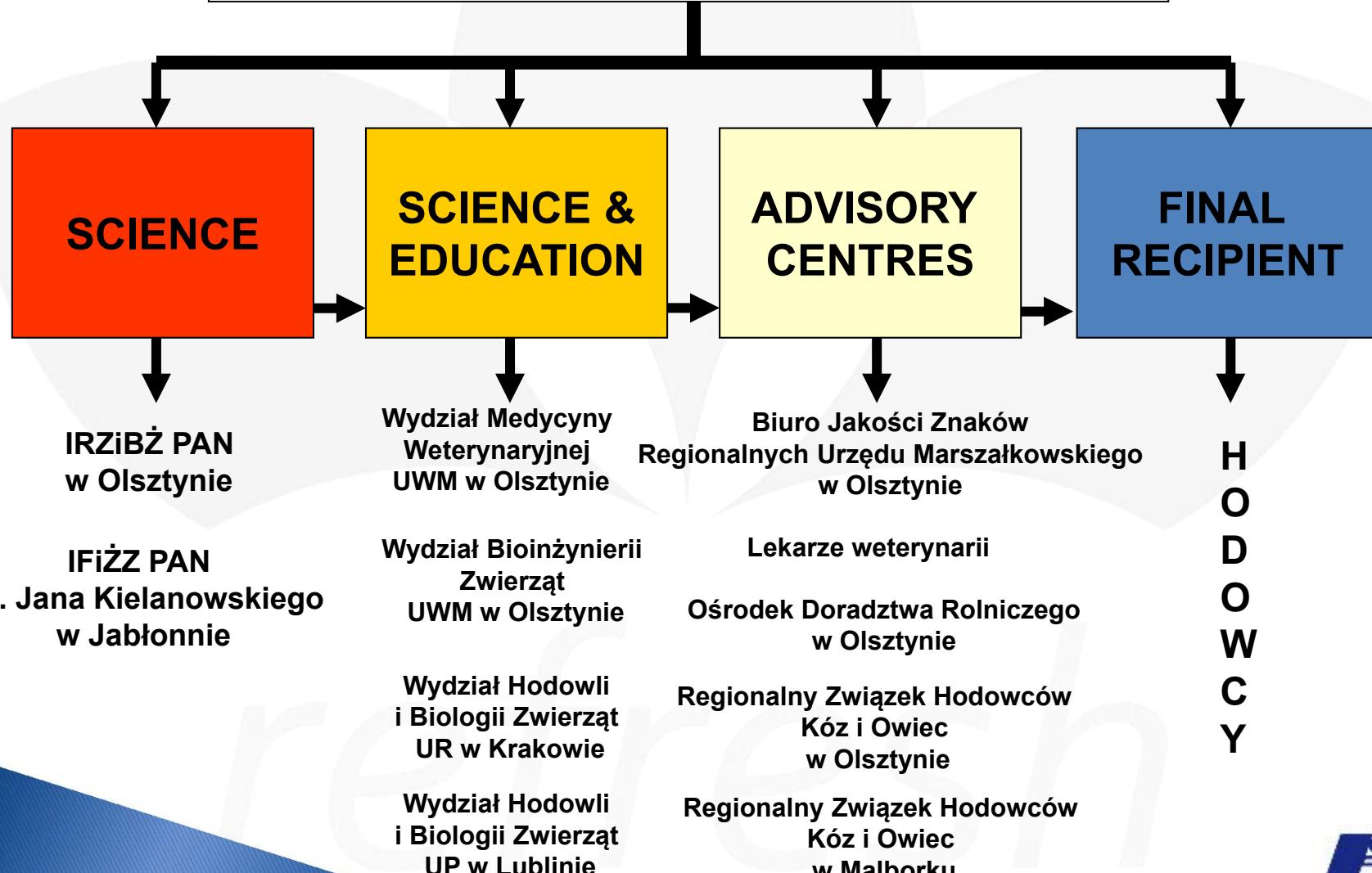


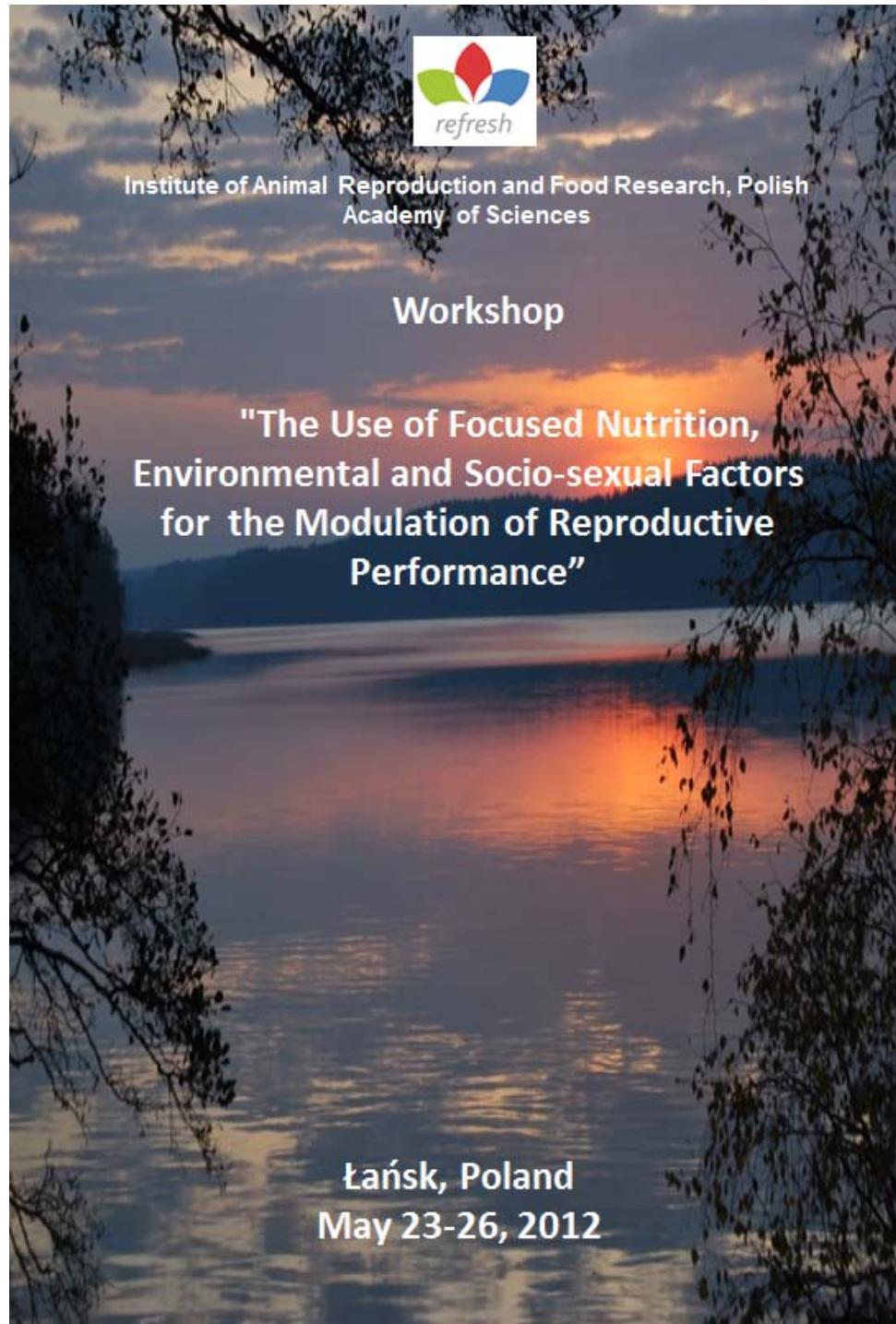
## WP.3 BIODIVERSITY

- **WORKSHOP "The Use of Focused Nutrition, Environmental and Socio-sexual Factors for the Modulation of Reproductive Performance"**
- **23-26 Maj 2012 Łańsk, Poland**
- **Osoba odpowiedzialna Prof. Janinia Skipor**



# Workshop: "The Use of Focused Nutrition, Environmental and Socio-sexual Factors for the Modulation of Reproductive Performance"





Institute of Animal Reproduction and Food Research, Polish  
Academy of Sciences

## Workshop

### "The Use of Focused Nutrition, Environmental and Socio-sexual Factors for the Modulation of Reproductive Performance"

Łańsk, Poland  
May 23-26, 2012

#### Welcome to The Workshop

Dear Colleagues,

On behalf of the Organizing Committee, we will be truly pleased to welcome you in Poland for the Workshop "The Use of Focused Nutrition, Environmental and Socio-sexual Factors for the Modulation of Reproductive Performance". The venue of the Workshop is Łańsk, a beautiful resort located 22 km from Olsztyn, in a deep forest along the shores of Łańska Lake, a famous location over the past decades for fishing, hunting, horse riding, bird watching and hiking.

The workshop is especially intended to encourage interaction between researchers, university lecturers and animal breeders. The aim of the workshop is to provide current knowledge about interactions between metabolic status, socio-sexual factors and reproduction that allow for developing new strategies for mastering of reproduction with the ultimate goal of sustainable farm animal breeding. We hope this workshop will be the ideal platform for intensive and interactive discussions about directing future research effort and educational activity to "natural tools" with which producers can improve the reproduction of their flock or herd.

Dariusz SKARŻYŃSKI  
Janina SKIPOR  
IRZIBŻ PAN  
Olsztyn, Poland  
Organizing Committee

Florian GUILLOU  
Laurence DUFOURNY  
INRA/CNRS/University of Tours/Haras Nationaux  
Nouzilly, France  
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**May 24, 2012**

**9:00 – 10:00 Opening session**

Welcome  
Introduction of attendance

*10:00 – 10:30 Coffee break*

**10:30-11:30 Animal Reproduction Management in the European Community and Future Challenges**

**John OLDHAM**, Scottish College of Agriculture, Edinburgh, UK

**11:30-17:30 Session I: Improvements of reproduction mastering**

**11:30 – 12:30 Stephane FABRE UMR 6175 INRA/CNRS/Universite de Tours/Haras Nationaux, Nouzilly, France**  
***Regulation of ovulation rate in mammals***

*12:30 – 14:00 Lunch*

**14:00 - 15:00 Raymond NOWAK UMR 6175 INRA/CNRS/Universite de Tours/Haras Nationaux, Nouzilly, France**  
***Strategies to improve neonatal survival (including a role of colostrum)***

**15:00 – 16:00 Alice FATET UMR 6175 INRA/CNRS/Universite de Tours/Haras Nationaux, Nouzilly, France**  
***Impact of a restrictive use of hormones on breeding and selection management in small ruminants***

*16:00 – 16:30 Coffee break*

**16:30 – 17:30 Xavier Druart – UMR 6175 INRA/CNRS/Universite de Tours/Haras Nationaux, Nouzilly, France**  
***Semen production in small ruminants***

*19:00 Barbecue*





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**May 25, 2012**

### **9:00 – 16:30 Session II: Use of food regimen and male effect to synchronize estrus**

**9:00-10:00 Dorota ZIĘBA** Agricultural University, Krakow, Poland  
*Factors affecting reproduction and metabolism in sheep*

10:00 – 10:30 Coffee break

**10:30 – 11:30 Jean-Baptiste MENASSOL** UMR 6175 INRA/CNRS/Université de Tours/Haras Nationaux, Nouzilly, France  
*Influence of fat level/metabolic status on the expression of seasonal reproduction*

**11:30 – 12:30 Maria-Teresa PELLICER-RUBIO** – UMR 6175 INRA/CNRS/Université de Tours/Haras Nationaux, Nouzilly, France  
*Reproduction mastering without hormones*

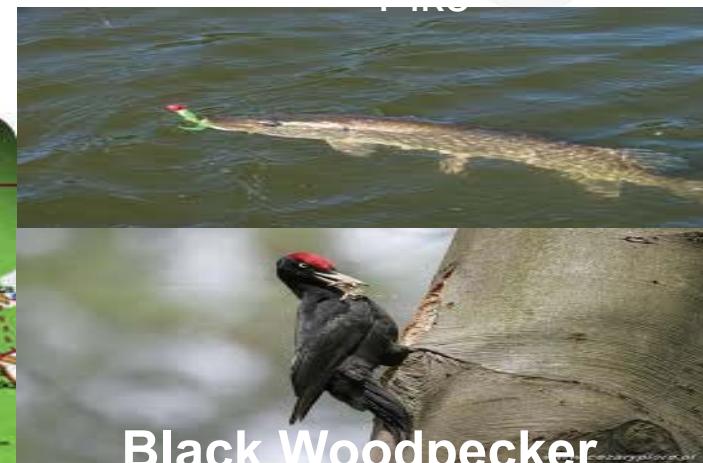
12:30-14:00 Lunch

**14:00 – 15:00 Jose DELGADILLO** Centro de Investigación en Reproducción Caprina, Universidad Autónoma Agraria Antonio Narro, Torreón, Coahuila, Mexico  
*The “male effect” in sheep and goats - revisiting the dogmas*

**15:00 – 16:00 Claude FABRE-NYS** UMR 6175 INRA/CNRS/Université de Tours/Haras Nationaux, Nouzilly, France  
*The “male effect” in sheep and goats: a review of the respective roles of the two olfactory systems*

16:00 – 16:30 Coffee break

19:30 Banquet dinner



**Black Woodpecker**



## WP 4. HEALTH

### TASK 4.1. Exchange of know-how and experience, twinning and networking

#### Outgoing visit

Partner	I	II	III
IB-DP			
UL-SFSN			
INRA			
NU			H. Zielinski (1 W)
WUR			H. Zielinki (1W) A. Jurgoński (1W)

#### Incoming visit

Partner	I	II	III
IB-DP	N. Rahman (1 W)	N. Rahman (1 W)	
UL-SFSN			
INRA			
NU		J. Ames (1 W)	
WUR			

**TASK 4.2. Recruitment of experienced researchers** task finished.

**TASK 4.3. Facilitation of IAR&FR staff participation at international conferences** No one

**TASK 4.4. Organising Scientific Conference** No any

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**SECONDMENTS PLANNED IN THE BUDGET OF THE REFRESH PROJECT FOR 2012**

based on the action plan for 2012

	WP 2	WP 3	WP 4	TOTAL
Outgoing visits 2012	63 275,00 EUR	73 325,00 EUR	25 225,00 EUR	161 825,00 EUR
Incoming visits 2012	35 125,00 EUR	24 225,00 EUR	38 550,00 EUR	97 900,00 EUR
<b>TOTAL</b>	<b>98 400,00 EUR</b>	<b>97 550,00 EUR</b>	<b>63 775,00 EUR</b>	<b>259 725,00 EUR</b>

**SECONDMENTS 2 YEAR: 1 SEPTEMBER TO 31 DECEMBER 2011**

Outgoing and incoming visits

WP 2	WP 3	WP 4
31 464,94 EUR	26 872,49 EUR	20 444,42 EUR
<b>TOTAL</b>		<b>78 781,86 EUR</b>

**Secondment planowane/zrealizowane**

**Wyjazdy plan 137/36 zostało 99 (56,6)  
konferencje i szkolenia 30/10  
Przyjazdy 65/18,5 zostało 46,5 (26)**

**SECONDMENTS AFTER 12 MONTHS: 1 SEPTEMBER 2010 TO 31 AUGUST 2011**

outgoing and incoming visits

WP2	WP3	WP4
25 881,45 EUR	34 611,09 EUR	18 110,13 EUR
<b>TOTAL</b>		<b>78 602,66 EUR</b>

PROJECTION END 2012 - after 28 months:

**417 109,52 EUR**

in %

**68%**

SECONDMENTS IN REFRESH BUDGET

**615 315,00 EUR**

TO SPENT ON SECONDMENT

**198 205,48 EUR**

IN THE LAST 9 MONTHS:

Institute of Animal Reproduction and Food Research

## WP5. Institute mobilization

- 1/ styczeń/ zamiast praw autorskich – training course in GC-MS.**
- 2/ maj/ Course Advanced Analysis and Informatics in Research Studies conducted by invited professionals mathematician, to provide research staff with knowledge on statistic in science (2 x 2days for 30 persons together)**
- 3/ maj-czerwiec/ 3 days course (up to 5 person) for basic of digital flow cytometer theory, including operating and maintaining the cytometer and troubleshoot basic instruments problems, recording and analysing multicolour data, manage data**
- 4/ październik/ 5 days course (2 persons) of fast and sensitive high content analysis of proteins in cell biology, immunology and proteomics. T (FACSArray – cell sorters), Becton-Dickinson Training Centre, Erembodegem, Belgium**
- 5/ listopad/ 2 weeks training (2 persons) on the method of digital video-microscopy under in situ conditions as well as in situ hybridization and advanced method of scanning and transmission on electron microscopy at the University of Vienna, Institute of Anatomy, Histology and Embryology;**



## WP 6. PLANY NA NADCHODZĄCE 3 MIESIĄCE

- Zakończenie realizacji (i emisja) filmu promocyjnego instytutu (dwie wersje językowe)
- Przygotowanie portfolio zdjęciowego instytutu
- Zamówienie gadżetów reklamowych dla „VIPów”



## WP 6. PLANY NA NADCHODZĄCE 3 MIESIĄCE - cd.

- Zamówienie gadżetów reklamowych skierowanych do imprez masowych
- Przygotowanie zaktualizowanej wersji folderu i ulotki instytutu
- Oklejenie autobusu przegubowego na okres 2 lat
- Artykuł sponsorowany



## DYSKUSJA I WOLNE WNIOSKI

- W ramach projektu nie ma możliwości wysyłania studentów doktorantów!
- Raporty z wyjazdów powinny być czytelne/zrozumiałe dla osób z KE
- Dodatkowe szkolenia/kursy dla pracowników są możliwe ale wymagają zgody KE