

**Laboratory of Biometry,
Institute of Plant Genetics,
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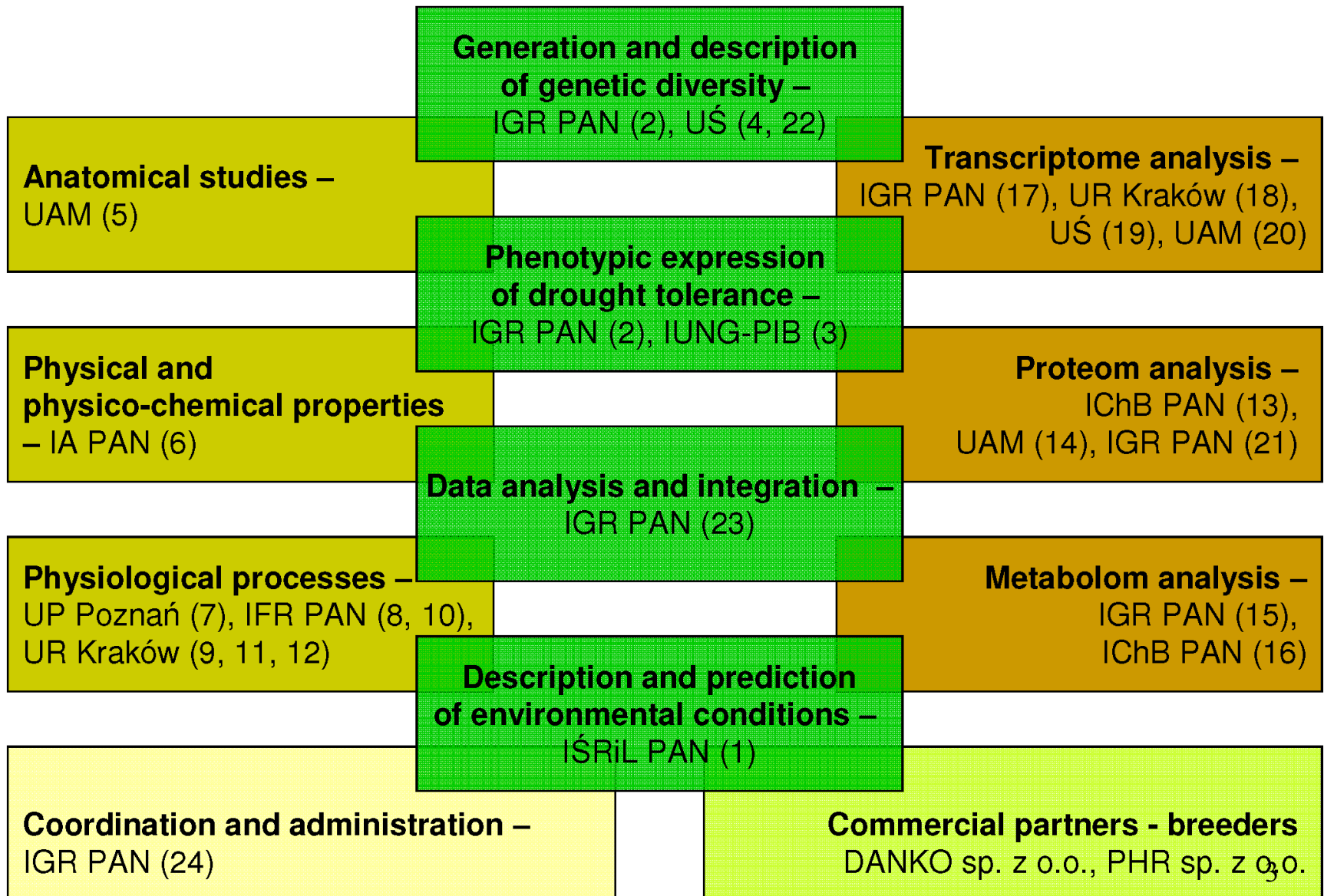
- 50 scientists, 20 PhD students, 30 administration/services
- Research in genetics, genomics, cytogenetics, biotechnology, biometry and bioinformatics, on crop and model plants.

Department of Biometry and Bioinformatics:

3 senior, 4 postdoc, 3 PhD, 2 technical

Topics

- NGS data analysis
- Phenotypic (-omics) data analysis



List of deliverables

Deliverable Number ⁶¹	Deliverable Title	Lead beneficiary number	Estimated indicative person-months	Nature ⁶²	Dissemination level ⁶³	Delivery date ⁶⁴
D3.1	Recommended ontology set for use in phenotype description and epigenetic variability	5	24.00	R	PU	24
D3.2	Format specifications for data exchange by flat file and web services	1	8.00	R	PU	24
D3.3	Report on standardisation activities accomplished during transPLANT	6	24.00	R	PU	48
		Total	56.00			

Implementation: Mixed models statistics + ISA-Tab + database

The screenshot displays the Phenalyse web application interface. At the top, the URL is `150.254.182.162:8080/igr/contexts?page=1&size=5`. The main header features the 'Phenalyse' logo and the 'transPLANT' logo.

On the left, there is a navigation menu with 'ANALYSIS' (containing 'List all Analyses') and 'UPLOAD' (containing 'Upload ISAArchive'). A red arrow points from the 'Upload ISAArchive' option to a form titled 'Upload ISAArchive file'.

The central area shows a table titled 'List all Analyses' with the following data:

Owner	Status	Import Session	Started	Finished	Unzip Session		
analyser1	FINISHED	Phenotyping.zip 2013-08-28 10:33:08.457	28-Aug-2013 10:33:08	28-Aug-2013 10:33:13	2013-08-28 10:33:08.534		
analyser1	FINISHED	DataWUR.zip 2013-08-28 10:36:55.413	28-Aug-2013 10:36:55	28-Aug-2013 10:37:15	2013-08-28 10:36:55.55		
test1	FINISHED	PhenotypingDouble.zip 2013-08-28 10:37:46.725	28-Aug-2013 10:37:46	28-Aug-2013 10:37:51	2013-08-28 10:37:46.771		
tester2	FINISHED	PhenotypingTriple.zip 2013-08-28 10:42:14.669	28-Aug-2013 10:42:14	28-Aug-2013 10:42:19	2013-08-28 10:42:14.699		
test1	FINISHED	isatab.zip 2013-08-28 10:46:20.793	28-Aug-2013 10:46:20	28-Aug-2013 10:46:27	2013-08-28 10:46:21.597		

A red arrow points from the 'isatab.zip' entry in the table to a 'Show Analysis' dialog box. This dialog shows details for the analysis: Owner: test1, Started: 28-Aug-2013 10:46:20, Finished: 28-Aug-2013 10:46:27, Status: FINISHED. Under 'Download:', there are links for 'Original dataset', 'Statistics', and 'All'. A red arrow points from the 'Statistics' link to a file opening dialog.

The 'Opening isatab.zip' dialog shows: 'You have chosen to open: isatab.zip which is: WinRAR ZIP archive from: http://150.254.182.162:8080'. It asks 'What should Firefox do with this file?' with options 'Open with' (selected, WinRAR archiver (default)) and 'Save File'.

At the bottom of the page, there are links for 'Home', 'Language', 'Theme', and 'Sponsored by SpringSource'.

Thanks for attention