

Ongoing projects/contracts at the date of submission (from public, private, national or international sources, other than the "nucleu" program).

Label CF#	Start date (mm-yyyy)	End date (mm-yyyy)	Project leader	Project title	Call name	Name of contracting authority	Total budget (thousands of euros)	Budget allocated to the unit (thousands of euros)
CF1	October-08	March-12	Romulus PETCU	5PM - Logistic base development and modernization for a gas turbine experimentation complex EXTURBO / Modernizarea si dezvoltarea bazei logistice pentru un complex de experimentare turbomotoare	CAPACITATI MI	ANCS	4.137	4.137
CF2	March-10	March-13	Romulus PETCU	71EU - Optimization for low Environmental Noise impact AIRcraft"-OPENAIR	CAPACITATI M III	ANCS	55	55
CF3	March-11	November-12	Victoria TELEABA	116EU - Tool Suite for Environmental and Economic Aviation Modelling for Policy Analysis	CAPACITATI M III	ANCS	10	10
CF4	March-11	September-13	Luminita HOSSU	116-1EU - Noise Impact of aircraft with Novel engine configurations in mid- to High Altitude operations	CAPACITATI M III	ANCS	12	12
CF5	October-09	November-12	Florin FLOREAN	54 EU - Turbohaft Engine Exhaust Noise Identification	CAPACITATI M III	ANCS	162	162
CF6	December-10	December-11	Radu CODOBAN	8460013131 - Booster compressors for the cogeneration station C3, Suplacu de Barcau / Statie de boostere pentru statia de cogenerare Suplacu de Barcau	private funds	OMV Petrom SA	910	910
CF7	October-11	March-12	Bogdan SACUIU	8460014338 - Improving gas system compressors Icoana / Improving gas system compressors Icoana	private funds	OMV Petrom SA	447	447
CF8	December-11	March-12	Bogdan SACUIU	8460014337 - Improving gas system compressors Daesti / Improving gas system compressors Daesti	private funds	OMV Petrom SA	177	177
CF9	September-11	December-11	Marina ANDREI	8460014119 - Separatory filter gas-water / Filtru separator gaz-apa	private funds	OMV Petrom SA	26	26
CF10	October-09	December-11	Haralambie PRECOB	1157 - 3D measurements gearbox casings / Masuratori 3D carcasa reductor	private funds	ALSTOM	15	15
CF11	January-09	December-11	Radu CODOBAN	8460008490 - Current Repair RC1 - cogeneration station Suplacu de Barcau / Revizie/reparatie statie de cogenerare Suplacu de Barcau	private funds	OMV Petrom SA	823	823
CF12	May-09	December-11	Liviu ADAM	8460008802 - Revision / repair screw compressors ECS / Revizie/reparatie compresoare cu surub ECS	private funds	OMV Petrom SA	543	543
CF13	March-09	December-11	Liviu ADAM	8460008488 - Revision / repair compressors 21-300 CCAE / Revizie/reparatie compresoare CCAE 21-300	private funds	OMV Petrom SA	1.276	1.276
CF14	iulie 2011	iulie 2012	Romulus PETCU	1452 - The opportunities to produce sustainable aviation biofuel using camelina a feedstock, using Romania as a case-study	private funds	MANCHESTER METROPOLITAN UNIVERSITY MMU	50	50
CF15	April-08	March-12	Ionut PORUMBEL	212367 - TEENI – "Turbohaft Engine Exhaust Noise Identification"	FP7	UE	4.628	658
CF16	October-10	September-13	Luminita HOSSU	226046 - Noise Impact of aircraft with Novel engine configurations in mid- to High Altitude operations	FP7	UE	2.910	46
CF17	aprilie 2009	martie 2013	Romulus PETCU	234313 - Optimization for low Environmental Noise impact AIRcraft"-OPENAIR	FP7	UE	30.135	163
CF18	December-10	December-14	Sorin Gabroveanu	265943 - Aviation Noise Research Network and Coordination X-NOISE EVOLUTION	FP7	UE	2.227	48
CF19	December-10	November-12	Victoria TELEABA	266465 - Tool Suite for Environmental and Economic Aviation Modelling for Policy Analysis	FP7	UE	5.280	29
CF20	August-11	March-13	Sorin Gabroveanu	270584 - Banc de proba antrenat electric pentru testarea echipamentului electric de aviatie – ELTESTSYS / Electrical test bench drive systems: mechanical interfaces	FP7	UE	646	475
CF21	October-11	September-15	Ionut PORUMBEL	284859 - ESPOSA – "Efficient Systems and Propulsion for Small Aircraft" – FP7-AAT-2011 – 284859	FP7	UE	37.711	1.046
CF22	July-11	July-12	Silviu IONESCU	287094 - ANotec-COmoti Rotorcraft Acoustics initiative for preliminary acoustic flight tests for the tuning of simplified rotorcraft noise models	FP7	UE	284	58
CF23	June-10	May-13	Doru Michael STEFANESCU	POS 174 - Development of new methods by real and virtual solidification processing of materials with special properties to achieve high temperatures for power turboengines / TURBOMAT	POSCCE-A2-O2.1.2-2009-2	Ministerul Economiei Comertului si Mediului de Afaceri	1.086	1.086
CF24	September-10	March-12	Cristian PUSCASU	ROB 653 - Common strategy to prevent the Danube's pollution technological risks with oil and oil products-CLEANDANUBE	Program Cross Border Cooperation Romania Bulgaria 2007-2013-2(2i)-2.2-5 Priority Axis: 2	Ministerul Dezvoltarii Regionale si Turismului	563	365
CF25	June-11	December-12	Mihaiella CRETU	ROB 144 - Integrated system for dynamic monitoring and warning for technological risks in Romania-Bulgaria cross-border area - REACT	Program de cooperare transfrontaliera Romania-Bulgaria 2007-2013	Ministerul Dezvoltarii Regionale si Turismului	984	265
CF26	July-11	January-13	Victoria TELEABA	ROB 211 - Support Actions to create New RDI partnerships in trans-border area in order to bring together Business and Research for accessing European Funds – SANDI	Program de cooperare transfrontaliera Romania-Bulgaria 2007-2013	Ministerul Dezvoltarii Regionale si Turismului	540	350
CF27	July-10	June-13	Marian NITULESCU	POSDRU 62399 - Build smart in time your professional careerConstruieste-ti inteligent,din timp,cariera profesionala	Program Operational Sectorial Dezvoltaera Resurselor Umane 2007-2013	AMPOSDRU	4.457	115
CF28	July-11	January-13	Valeriu VILAG	ROB 128 - Joint study regarding an electro-generator system powered by water turbine for cross-border ecological electrical transport system" – ElectroRiver Perioada: 2011-2013	Programul de Cooperare Transfrontaliera Romania-Bulgaria 2007-2013	Ministerul Dezvoltarii Regionale si Turismului	618	274

Projects/contracts finalized in the period 2007-2011 (from public, private, national or international sources, other than the "nucleu" program)

Label F#	Start date (mm-yyyy)	End date (mm-yyyy)	Project leader	Project title	Call name	Name of contracting authority	Total budget (thousands of euros)	Budget allocated to the unit (thousands)
F1	September-07	September-10	Cristian CARLANESCU	63C - Modernization and development of the technical facilities used in gas turbines combustion processes research / Modernizarea și dezvoltarea bazei materiale pentru cercetare în domeniul proceselor de ardere	CAPACITATI MI	ANCS	615	345
F2	September-07	September-09	Ion CIOCAN	59C - Research & Development Center for Innovative Technologies Used for Manufacturing 3D Structures in Aeronautics / Centru de Cercetare -Dezvoltare a Tehnologiilor Inovatoare de Realizare a Structurilor Profileate Tridimensionale din Domeniul Aeronautic	CAPACITATI MI	ANCS	503	503
F3	September-08	October-10	Sorin GABROVEANU	186 - Research and development laboratory and attestation of axial and centrifugal compressors / Laborator de cercetare-dezvoltare și atestare pentru compresoare centrifugale și axiale	CAPACITATI MI	ANCS	280	280
F4	October-05	September-07	Mircea Dan IONESCU	5 - Advanced methods of calculation, design, analysis and manufacturing of aircraft parts- Blower for double-flow aircraft engine / Metode avansate de calcul, proiectare, analiza și execuție ale reperelor din aviație - Ventilatorul turbomotorului dubluflux	CCEX	AGENTIA SPATIALA ROMANA	222	191
F5	September-06	September-09	Constantin Eusebiu HRITCU	281 - "New types of multi-fuel combustion chambers operating in pulse mode" / Noi tipuri de camere de ardere policarburante cu funcționare în regim pulsatoriu	CEEX	AMCSIT	443	242
F6	September-06	December-08	Constantin VILCU	X2C30 - Multilayer materials for extreme heat conditions in aerospace, installation and test methods / Materiale multistrat pentru condiții termice extreme în aeronautică, instalație și metoda de testare	CEEX	AMCSIT	622	119
F7	September-07	December-08	Cristian CARLANESCU	272 - Researches upon the utilization of biomass in cogeneration stations / Cercetări asupra utilizării biomasei în centrale cogenerative	CEEX	AMCSIT	616	543
F8	September-06	July-08	Dan Nicolae ROBESCU	174 - Theoretical and experimental research on expert systems for optimal operation of the urban and industrial wastewater treatment technological processes / Cercetări teoretice și experimentale asupra sistemelor expert de exploatare optimă a proceselor tehnologice de epurare a apelor uzate din stațiile de epurare orășenești și industriale	CEEX	AMCSIT	426	174
F9	iulie -06	septembrie - 08	Daniela BUZESCU	237 - Advanced technologies for developing organic antifriction layers of metal-carbon type / Tehnologii avansate pentru dezvoltarea straturilor antifricțiune ecologice de tip metal-carbon	CEEX	AMCSIT	81	81
F10	July-06	September-08	Ene BARBU	157 - Innovative research on the achievement of efficient combustion and ecological technologies of coal in focus - burners system - application to boilers of 420 t / h (ARDECO) / Cercetări inovative privind realizarea unei tehnologii de combustie eficientă și ecologică a hulelor în sistemul focar-arzătoare cu aplicație la cazanele de 420 t/h	CEEX	AMCSIT	355	28
F11	July-06	September-08	Ene BARBU	182 - Environmental technologies, feasible energy production and utilization of complex mixtures of fuels from renewable resources (EcoEN) / Tehnologii ecologice, fezabile de producere și valorificare energetică a unor amestecuri complexe de combustibili din resurse regenerabile	CEEX	AMCSIT	349	73
F12	September-06	October-08	Georgel VIZITIU	22 - Synergetic system for dynamic launch/recovery of satellite objects - SILROS / Sistem energetic pentru lansarea/recuperarea dinamică a obiectelor satelitare	CEEX	AMCSIT	192	31
F13	octombrie -05	septembrie - 08	Georgeta CARLANESCU	67 - New material resistant to high temperatures, wear-out and corrosion integrated with original technologies, destined for surface covering of the elastic components of turbo engines / Material nou rezistent la temperaturi ridicate, uzură și coroziune integrat cu tehnologii originale, destinate acoperirii de suprafață a componentelor elastice din turbomotoare	CEEX	AMCSIT	476	245
F14	September-06	September-08	Liviu ADAM	139 - New technologies, performance, chemical treatment and centrifugal separation in components, integrated soil infestation and to prevent waste water from oil industry / Tehnologii noi, performante, de tratare chimică și separare centrifugala în componente, integrate în vederea prevenirii infestării solului și apei cu deșeurile din industria petrolieră	CEEX	AMCSIT	423	222
F15	September-06	December-08	Marian NITULESCU	753 - High efficiency equipment, use for underground gas storage, in place that are confronted with difficulty in gas supply / Echipament de înaltă eficiență energetică, utilizat pentru înmagazinarea subterană a gazelor, în zonele care se confruntă cu dificultăți în alimentarea cu gaze	CEEX	AMCSIT	408	371
F16	September-06	September-08	Mariana MANEA	274 - Increasing reliability and reducing cogenerative production costs by increasing automation and alignment rules community / Creșterea fiabilității grupurilor cogenerative și reducerea costurilor de producție prin creșterea gradului de automatizare și alinierea la normele comunității europene	CEEX	AMCSIT	409	276
F17	September-06	September-08	Mariana STEFANESCU	254 - Increasing performance of the industrial turbo engines, by to develop new engineering concepts and integration of advanced technologies in the field of maintenance / Creșterea performanțelor turbomotoarelor industriale, prin dezvoltarea de noi concepte inginerești și integrarea tehnologiilor avansate din domeniul mentenanței	CEEX	AMCSIT	417	274
F18	October-06	October-08	Mihai BORZEA	316 - Modern solutions for increasing efficiency and reliability of the power transmission from the gas turbine to the electric generator in cogenerative plants up to 10 MW - SOMCREFT / Soluții moderne de creștere a eficienței și fiabilității transmisiei puterii de la turbomotor la generatorul electric în centrale cogenerative de până la 10MW	CEEX	AMCSIT	474	315
F19	October-05	July-08	Mihai NICULESCU	2 - Permanent satellites system with controlled trajectory at low altitude - SISATJA / Sistem satelitar cu traiectorie controlată la joasă înălțime	CEEX	AGENTIA SPATIALA ROMANA	421	42

F20	September-05	February-07	Mihaiella CRETU	7 - Implementation of new measuring methods concerning the air quality evaluation, according to European standards and directives / Implementare metode de masurare noi, in acord cu normele si directivele europene, privind evaluarea calitatii aerului	CEEX	RENAR	247	247
F21	August-06	May-08	Mihaiella CRETU	96 - New oil products and used fat evaluation method by determining and counting chloridized terfenils (PCT) and poly-chloridized benzylates (PCBT) / Metoda noua de evaluare a produselor petroliere si a uleiurilor uzate prin determinarea si cuantificarea terfenililor policlorurati (PCT) si a benzitoluenuilor policlorurati (PCBT)	CEEX	RENAR	240	240
F22	septembrie -05	septembrie - 08	Mihaiella CRETU	120 - New technology for surface water pollution through recovery of dangerous chemical substances from cooling fluids, used as valuable resources in technological processes / Tehnologie noua de prevenire a poluarii apelor de suprafata prin recuperarea unor substante chimice periculoase din fluidele tehnologice de racire, utilizabile ca materii prime in procese industriale	CEEX	AMCSIT	436	286
F23	September-06	September-08	Mihaiella CRETU	286 - Research and development of sound absorbing structures in order to reduce industrial and civilian phonic pollution, according to current European Norms and Standards. / Cercetarea si realizarea de structuri fonoabsorbante in vederea reducerii poluarii sonore urbane si industriale, in conformitate cu prevederile normelor si directivele europene in vigoare	CEEX	AMCSIT	484	313
F24	October-06	October-08	Mircea Dan IONESCU	315 - Theoretical and experimental research according to electricity generation using wind potential of low intensity to protect the environment of pollutants. / Cercetari teoretice si experimentale in vederea producerii de energie electrica prin utilizarea potentialului eolian de mica intensitate cu protejarea mediului de agenti poluanti	CEEX	AMCSIT	418	377
F25	October-05	September-08	Romulus PETCU	93 - High capacity individual installation for water pumping out of the flooded areas MTPA 12 / Instalatie autonoma, complexa de mare capacitate pentru evacuarea apei din zonele calamitate prin inundate	CEEX	AMCSIT	621	543
F26	December-06	September-08	Romulus PETCU	207 - Researches regarding the increasing efficiency of combined energy / Cercetari privind cresterea eficientei producerii combinate de energie-cogenerare, trigenerare de mica si medie putere	CEEX	AMCSIT	424	50
F27	September-05	February-07	Sabin ZINCA	9 - New measurement methods in the acoustic and vibration field assimilated in conformity with the latest European directives and norms / Metode de masurare noi, in domeniul acusticii si vibratiilor asimilate in conformitate cu ultimele directive si norme europene	CEEX	RENAR	240	240
F28	August-06	May-08	Silviu IONESCU	95 - Mobile system for phonic monitoring and noise maps, according to current European Norms and Standards / Sistem mobil pentru monitorizarea acustica si realizarea hartilor de zgomot, in conformitate cu ultimele directive si norme europene	CEEX	RENAR	239	239
F29	October-05	September-08	Valentin SILIVESTRU	6 - Advanced solution for the reduction of the noise produced by passenger transport aircraft engines - Tripleflux gas turbines - TRIPLEFLUX / Solutie avansata pentru reducerea zgomotului produs de motoarele avioanelor de transport pasageri- Motorul Tripleflux	CEEX	AGENTIA SPATIALA ROMANA	394	278
F30	octombrie-05	septembrie - 08	Valentin SILIVESTRU	70 - Integration of the new knowledge and technologies within the field of high-efficiency materials and the new generation production for making of the centrifugal rotors from the structure of the din turbo machines / Integrarea noilor cunoastinte si tehnologii din domeniul materialelor performante si a productieii de noua generatie pentru realizarea rotorilor centrifugali din componenta turbomasinilor	CEEX	AMCSIT	480	262
F31	iulie -06	iulie-08	Valentin SILIVESTRU	88 - European and international promotion of Romanian research and projects concerning materials used for turbo engines in order to prepare the participation to EU's PC 7 / Promovarea la nivel european si international a cercetarilor si proiectelor romanesti din domeniul materialelor utilizate la realizarea turbomotoarelor in scopul pregatirii participarii la pc 7 al UE	CEEX	CNMP	63	43
F32	iulie -06	septembrie - 08	Valentin SILIVESTRU	140 - Increase of the energetic efficiency of the centrifugal compressors by integration of new technologies and materials within the surface covering field in order to decrease the rotor-stator clearances / Cresterea eficientei energetice a compresoarelor centrifugale prin integrarea a noi tehnologii si materiale din domeniul acoperinilor de suprafata in scopul micșorării jocurilor rotor-stator	CEEX	AMCSIT	465	220
F33	iulie -06	septembrie - 08	Cristian PUSCASU	289 - Integrated technology for obtaining composites materials by electric arc metallization applications for special purpose in industrial equipment / Tehnologie integrata de obtinere a materialelor compozite prin metalizare cu arc electric cu aplicatii la echipamente industriale cu destinatie speciala	CEEX	AMCSIT	28	28
F34	August-06	septembrie - 08	Gheorghe VERDES	233 - Integrated technology of obtaining energy-technology conventional sources used as raw material in making steel / Tehnologie integrată de obtinere a unor surse energo-tehnologice neconvenționale utilizate ca materii prime la elaborarea oțelului	CEEX	AMCSIT	28	28
F35	August-06	septembrie - 08	Ghita AXENE	X2C36 - Tackling complex cases involving road accidents in urban transport in line with EU regulations targeting traffic safety and environmental protection. Developing and testing models for multifactorial intervention to prevent and reduce traffic events / Abordarea complexa a cazurilor accidentelor rutiere din transportul urban in consens cu reglementarile Uniunii Europene vizand siguranta traficului si protectia mediului. Elaborarea si experimentarea unor modele de interventie multifactoriala pentru prevenirea si reducerea evenimentelor de circulatie	CEEX	AMCSIT	7	7
F36	iulie -06	septembrie - 08	Mihaela GRIGORESCU	232 - New refractory materials with complex functions used in industry steel, made by modern technologies - contract / Noi materiale refractare cu functii complexe utilizate in industria oțelului, realizate prin tehnologii moderne	CEEX	AMCSIT	33	33
F37	August-06	June-08	Adina IONESCU	93 - Support action to reduce turboengines emissions in order to greening the air transport / Actiune suport pentru reducerea emisiilor produse de motoarele turboreactoare in vederea ecologizarii transportului aerian	CORINT	CNMP	54	54
F38	November-03	October-06	Gheorghe FETEA	43 - Innovative abrasible/abrasive materials for improved energy efficiency in Gas turbines / Noi materiale abrazabile/abrazive pentru imbunatatirea eficientei energetice a turbinelor cu gaz	CORINT	CNMP	135	135

F39	June-05	December-08	Gheorghe FETEA	101 - Development of UE partnership in new design, manufacture, experimentation methods of the future aircraft engine components and institute integration in ERA activity / Dezvoltarea parteneriatelor UE în domeniul noilor metode de calcul, proiectare, fabricație și experimentare a componentelor viitoarelor motoare de aviație și integrarea institutului în activit. ERA (European Research Area)	CORINT	CNMP	200	200
F40	September-06	October-08	Mircea Dan IONESCU	108 - Promote of international cooperation using Romania's specific wind energy and electricity generation using renewable sources / Promovarea cooperării internaționale în utilizarea potențialului energetic eolian specific României și producerea energiei electrice utilizând surse regenerabile	CORINT	CNMP	57	29
F41	December-01	March-06	Valentin SILIVESTRU	13 - Aircraft noise pollution reduction for significant decrease of the impact on human settlements SILENCE® / Reducerea poluarii sonore produse de aeronave pentru diminuarea semnificativa a impactului acesteia asupra comunitatilor umane	CORINT	CNMP	300	300
F42	October-05	October-10	Valentin SILIVESTRU	73 - Environmentally Friendly Aero Engine / Motor turboreactor prietenos mediului	CORINT	CNMP	350	350
F43	July-08	November-09	Costin DUMITRU	1019 - Rehabilitation of automation in the STC group compression Solar Onesti / Reabilitarea sistemului de automatizare a grupului de comprimare Solar din STC Onesti	private funds	SNTGN TRANSGAZ SA Medias	313	313
F44	March-08	April-08	Cristian PUSCASU	4157 - Compressor Bearings TR 1 , Compressor Bearings TR 2 / Lagar compresor tr 1, lagar compresor tr 2	private funds	OMV PETROM SA	12	12
F45	September-11	December-11	Daniel DATCU	97 IFIN - Gamma Radiation Detecting System Suport / Realizare "Sistem suport detectori de radiatii".	private funds	IFIN HH	83	83
F46	September-06	November-10	Dumitru AMARIUTEI	43 - Natural gas compressors / Compresor de gaze naturale	private funds	TMK RESITA	58	58
F47	March-09	November-10	Dumitru AMARIUTEI	1097 - Resita compressors / Compresor Resita	private funds	TMK RESITA	27	27
F48	January-11	December-11	Emil DORNEANU	comenzi compresoare CU64G/D, CU90G - CU 64G/D, CU 90G Compressors / Compressoare CU64G/D, CU90G	private funds	ENERGY USA, PRONA, AIR CANADA, HERCO GERMANIA, VPT GERMANIA	139	139
F49	February-10	March-10	Georgel VIZITIU	1196 - Numeric simulation for natural gases trough damaged pipelines / Simularea numerica a curgerii gazelor naturale prin defectele conductelor ingropate	private funds	UPG	4	4
F50	March-10	May-10	Liviu ADAM	1189 - ECS 2.5 / 16 Compressor / Compresor ECS 2,5/16	private funds	CONFIND SRL	54	54
F51	July-07	December-07	Liviu ADAM	4338 - Screw compressors, variable speed / Compressoare cu surub, variatoare de turatie	private funds	OMV PETROM SA	1.115	1.115
F52	January-08	March-08	Liviu ADAM	5043 - ECS 35/10 screw compressors, speed inverters / Compressoare cu surub ECS 35/10, variatoare de turatie	private funds	OMV PETROM SA	605	605
F53	January-08	March-08	Liviu ADAM	5045 - ECS 35/30 screw compressors, speed inverters / Compressoare cu surub ECS 35/30, variatoare de turatie	private funds	OMV PETROM SA	482	482
F54	April-08	May-08	Liviu ADAM	8460005413 - ECS 20/10 screw compressors, speed inverters / Compressoare cu surub ECS 20/10, variatoare de turatie	private funds	OMV PETROM SA	241	241
F55	January-10	May-10	Liviu ADAM	8460010877 - CF 180GK compression unit with electric motor / Unitate de comprimare CF 180GK cu motor electric, unitate de comprimare CF 128GK cu motor electric	private funds	OMV PETROM SA	43	43
F56	January-10	May-10	Liviu ADAM	8460010877 - CF 128GK compression unit with electric motor / Unitate de comprimare CF 180GK cu motor electric, unitate de comprimare CF 128GK cu motor electric	private funds	OMV PETROM SA	43	43
F57	January-10	May-10	Liviu ADAM	8460010892 - ASRF 30/30 Final assembly and cooling gas separation , 20/30 AR gas cooler assembly / Ansamblu separare si racire finala gaz ASRF 30/30, ansamblu racitor gaze AR 20/30	private funds	OMV PETROM SA	126	126
F58	August-10	April-11	Mihai GRIGORESCU	1263 - Forged Part Machined / Prelucrare forjat	private funds	UNISON ENGINE COMPONENTS BUCHAREST	39	39
F59	September-10	October-10	Mihai GRIGORESCU	1268 - Repairing Impellers and Bearings / Reparatie rotor, lagare	private funds	PROD EXPRES MG	19	19
F60	March-11	August-11	Mihai GRIGORESCU	1332 - Products According to the Order / Produse conform comanda	private funds	ICPE SA	31	31
F61	February-08	March-08	Mihaiella CRETU	964 - Development of noise emission strategic map / Elaborare harta strategica de emisie zgomot	private funds	Compania Nationala Aeroportul International Henri Coanda Bucuresti	38	38
F62	October-09	December-09	Mihaiella CRETU	1163 - Measurements of emissions, air pollutants and dispersion of emissions from sources in the airport area / Masurari de emisii, poluanti atmosferici si dispersia emisiilor de la surse, in perimetrul aeroportuar	private funds	Compania Nationala Aeroportul International Henri Coanda Bucuresti	15	15
F63	December-10	May-11	Mihaiella CRETU	1306 - Measurements of emissions, air pollutants and dispersion of emissions from sources in the airport area / Masurari de emisii, poluanti atmosferici si dispersia emisiilor de la surse, in perimetrul aeroportuar	private funds	Compania Nationala Aeroportul International Henri Coanda Bucuresti	14	14
F64	August-09	September-09	Mircea Dan IONESCU	1001 - CFD Calculation of Wind Turbine / Calcul CFD turbina vant	private funds	INNOWIND NORVEGIA	10	10
F65	February-06	June-07	Mircea Dan IONESCU	3173 - Screw Compressors, governor speed / Compressoare cu surub, variatoare	private funds	OMV PETROM SA	1079	1079
F66	March-10	May-10	Petre DESPA	141209 - Gas screw compressor package ECS 2.5/10 / Compresor cu surub pentru gaze naturale ECS 2,5/10	private funds	BORETS RUSIA	55	55
F67	November-10	December-10	Petre DESPA	8460012699 - Project for improving compressor gas systems Stoienesti, Glavacioc, Silistea / Proiect modificari statii comprimare gaz Stoienesti, Glavacioc, Silistea	private funds	OMV PETROM SA	7	7
F68	November-10	December-10	Petre DESPA	8460012833 - Equipments for improving gas systems Stoienesti, Glavacioc, Silistea / Echipamente pentru imbunatatiri de functionare statii comprimare gaz Stoienesti, Glavacioc, Silistea	private funds	OMV PETROM SA	212	212
F69	November-10	May-11	Petre DESPA	8460013224 - Supplementary construction and mounting works in gas compressor station Cartojani / Lucrari suplimentare statia compresoare gaze Cartojani	private funds	OMV PETROM SA	130	130
F70	November-10	December-10	Petre DESPA	8460013226 - Mounting separatory filter in compressor stations Harlești, Blejesti / Instalare sistem filtru separator compresoare Harlești, Blejesti	private funds	OMV PETROM SA	195	195

F71	November-10	May-11	Petre DESPA	8460013245 - Improving separatory filter for gas systems Stoienesti, Glavacioc, Silistea / Imbunatatire sistem separator filtru gaze statiile Stoienesti, Glavacioc, Silistea	private funds	OMV PETROM SA	120	120
F72	September-09	January-10	Radu IORGA	84600009943 - Vibration monitoring system and speed / Sistem monitorizare vibratii si turatii	private funds	OMV PETROM SA	16	16
F73	January-09	July-11	Sorin GABROVEANU	1093 - Experimental tests assurance services / Servicii in vederea asigurarii de teste	private funds	UNIVERSITATEA OVIDIUS CONSTANTA	20	20
F74	May-10	December-10	Sorin GABROVEANU	1212 - Air centrifugal compressor CCAE 9-125 / Compresor centrifugal de aer CCAE 9-125	private funds	LINDE GAS HUNGARY LTD	145	145
F75	November-10	May-11	Sorin GABROVEANU	1296 - Rotor tr I, rotor tr II	private funds	AMURCO BACAU	9	9
F76	October-08	May-09	Sorin GABROVEANU	8460007692 - Turboexpander compressor rotor, turbine rotor / Rotor compresor turboexpander, rotor turbina	private funds	OMV PETROM SA	19	19
F77	April-01	July-07	Valentin SILIVESTRU	G4RD - CT- 2001- 00500 - Aircraft noise pollution reduction for significant decrease of the impact on human settlements SILENCE®	FP 5	UE	111.276	598
F78	June-06	November-10	Sorin GABROVEANU	ACA5-CT-2006-030840 - Aircraft External Noise Research Network and Co-ordination	FP 6	UE	174	42
F79	February-04	July-07	George SAVU	AST3-CT-2003-502790 - Computation of Coaxial Jet Noise	FP6	UE	3.700	70
F80	July-03	December-07	Gheorghe FETEA	NNE5-2001-411 - Innovative abradable/abrasive materials for improved energy efficiency in Gas turbines	FP6	UE	3.592	233
F81	January-05	December-10	Valentin SILIVESTRU	12271 - EnvIronmenTALly Friendly Aero Engine	FP6	UE	90.727	756
F82	December-07	September-10	Dan Nicolae ROBESCU	21 - Design, implementation and testing of an efficient oxygen transfer system / Conceperea, realizarea si experimentarea unui sistem performant de transfer al oxigenului	INOVARE	AMCSIT	541	123
F83	December-07	July-10	Dumitru BELU	30 - System for monitoring and control of wastewater treatment plants using distributed multi-agent systems and advanced algorithms for automatic / Sistem informatic de monitorizare si control a statiilor de epurare a a pelor uzate prin utilizarea sistemelor distribuite multi-agent si a unor algoritmi avansati de reglare automata	INOVARE	AMCSIT	783	186
F84	December-07	September-10	Marin IONESCU	25 - Application of wastewater pre-treatment technologies in sewerage network / Aplicarea tehnologiilor de preepurare a apelor uzate in retea de canalizare	INOVARE	AMCSIT	543	79
F85	November-08	October-10	Raluca MOCANU	227 - Technical solution to increase the decontamination efficiency of the organic load wastewater / Soluție tehnică de majorare a eficienței de depoluare a apelor uzate cu încărcare organică	INOVARE	AMCSIT	423	23
F86	December-07	September-10	Romulus PETCU	20 - Technologic solutions for valorization of landfill gas by using an aero-derivative turbo-generator SOLTURB / Soluții tehnologice de valorificare a gazului de depozit pentru utilizarea unui turbogenerator aeroderivativ	INOVARE	AMCSIT	726	206
F87	octombire-05	iunie -08	Daniela BUZESCU	2(501) - Integrated technological system for bearings performance optimization in transitory regime / Sistem tehnologic integrat de optimizare a performanțelor lagarelor in regim tranzitoriu	MATNANTECH	Academia Tehnica Militara Bucuresti	65	65
F88	September-07	November-10	Liviu ADAM	21-071 - Increasing energy efficiency of groups compression screw by use to drive a heat engine with electronic control and use of natural gas as fuel / Cresterea eficientei energetice a grupurilor de comprimare cu surub, prin folosirea pentru antrenarea a motoarelor termice cu comanda electronica si utilizarea gazelor naturale drept combustib	PN II	UEFISCDI	362	273
F89	September-07	November-10	Mariana STEFANESCU	21-026 - Increasing energy efficiency of turbo engines in cogeneration cycle by special heat-resistant coatings and cooling skin / Cresterea eficientei energetice a turbomotoarelor in ciclul cogenerativ prin racire peliculara si acoperiri termorezistente speciale	PN II	UEFISCDI	334	209
F90	October-08	December-11	Adina IONESCU	32-163 - Research on establishing the causes to the increase noise and vibration level in technologic units as: regulation-measurement, pipe control units and natural gas compressors / Cercetari privind determinarea cauzelor care produc cresterea nivelului de zgomot si vibratii in instalatii tehnologice tip: reglare - masurare, statii de comanda vana si statii de comprimare gaze naturale	PN II	UEFISCDI	220	184
F91	September-07	December-10	Carmen LUCA	71-077 - Integrated CAD CAM CAE System for Parts with Complex Shapes for Turboengines / Sistem Integrat CAD CAM CAE Pentru Piese cu Forme Complexe din Structura Turbomotoarelor	PN II	UEFISCDI	288	180
F92	September-07	September-10	Constantin Eusebiu HRITCU	51-043 - "Fog generating installation for plant protection against unfavorable environmental factors, using pulse combustion chambers", / Instalatie de generare a cetei pentru protectia plantelor contra factorilor nefavorabili ai mediului, utilizand camere de ardere pulsatorii	PN II	UEFISCDI	368	210
F93	September-06	September-08	Cristian CARLANESCU	21-002 - Researches concerning CFD soft development and a functional afterburner system model realization, with results validation / Cercetari de realizare soft CFD si model functional original sistem postcombustie, cu validarea rezultatelor	PN II	UEFISCDI	411	320
F94	September-07	September-10	Cristian CARLANESCU	51-063 - Aerosol generator for plants protection against diseases and pests designed and built based on technologies used in aerospace industry / Generator de aerosoli pentru protectia plantelor impotriva bolilor si daunatorilor conceput si realizat pe baza tehnologiilor utilizate in industria aeronautica	PN II	UEFISCDI	373	212
F95	octombrie -08	decembrie-11	Cristian PUSCASU	22-114 - The increase of the energetic efficiency of the gas turbines used in the cogeneration cycle by development of new advanced Ti-base materials and special surface coatings / Cresterea eficientei energetice a turbomotoarelor utilizate in ciclul cogenerativ dezvoltand materiale avansate noi cu baza titan si acoperiri de suprafata speciale	PN II	UEFISCDI	210	125
F96	octombrie -08	decembrie-11	Cristian PUSCASU	32-122 - Modern, performant, low-grade pollution technology destined to achieve hard surfaces for the aircraft components and gas turbines used to produce energy / Tehnologie moderna, performanta, cu grad scazut de poluare, destinata realizarii suprafetelor dure la componentele aeronavelor si turbomotoarelor utilizate la producerea energiei	PN II	UEFISCDI	182	138
F97	octombrie -08	November-11	Cristian STANICA	82-079 - Software platform for fluid structure interaction analysis / Platforma software pentru analiza interactiunii fluid-structura	PN II	UEFISCDI	222	14

F98	July-07	December-10	Daniela BUZESCU	71-081 - Application of surface texturing to reduce friction and wear of bearings with slip / Aplicarea texturarii suprafetelor pentru reducerea frecarii si uzarii lagarelor cu alunecare	PN II	UEFISCDI	418	99
F99	September-07	November-10	Ene BARBU	21-056 - Modern ways to reduce the pollution and to increase the efficiency of gas turbine cogeneration plants and turbo-compressors for natural gas (MEMOCEN) / Metode moderne de reducere a poluarii si crestere a eficientei la centralele cogenerative cu turbine cu gaze si turbocompresoarele de comprimare a gazelor naturale	PN II	UEFISCDI	287	175
F100	October-08	November-11	Ene BARBU	22-097 - Research on energy use of gas produced by biomass/coal allothermal co - gasification in fluidized bed (Gaz Bio) / Cercetari de utilizare energetica a gazului rezultat din biomas/carbune prin co-gazeificare aloterma in strat fluidizat (Gaz Bio)	PN II	UEFISCDI	152	37
F101	October-08	December-11	Ene BARBU	22-108 - Integrated gas turbine-afterburner system to decrease NO x emissions and increase the efficiency of cogenerative plants working on gas fuels (SICOGEN) / Sistem integrat turbomotor - postardere, de reducere a noxelor si crestere a eficientei la centralele cogenerative pe combustibili gazosi	PN II	UEFISCDI	159	91
F102	September-07	September-10	George SAVU	81-029 - Vortex Methods for Simulation of Unsteady Incompressible Flows about Wings / Metode VORTEX de simulare a curgerilor nestationare incompresibile in jurul arpiilor	PN II	CNMP	323	34
F103	October-08	December-11	Georgel VIZITIU	82-082 - Realization and validation of a calculus system program for the aero elastic analysis of aircrafts and turboengines compressors AEROELAST / Realizarea si validarea unui sistem de programe de calcul pentru analiza aeroelastica a aeronavelor si compresoarelor turbomotoarelor	PN II	UEFISCDI	228	32
F104	October-08	December-11	Georgel VIZITIU	82-090 - Compressor with compression ratio greater than 9, in one stage COMCIP / Compresor cu grad de comprimare mai mare de 9, intr-o singura treapta	PN II	UEFISCDI	178	167
F105	October-08	September-11	Georgeta CARLANESCU	72-179 - Materials with composition gradient based on micro and nanostructured zirconia for heat resistant structures with applications in energy and aerospace industry / Materiale cu gradient compozitional pe baza de zirconie micro si nanostructurata pentru structuri termorezistente cu aplicatii in industria energetica si aerospatiale	PN II	UEFISCDI	217	56
F106	October-08	Iul-2011	Gheorghe MOCA	32-141 - Advanced research for a new generation of configurations in concept "High lift low noise" / Cercetari avansate pentru o noua generatie de configuratii in conceptul "High lift low noise"	PN II	UEFISCDI	209	43
F107	September-07	September-10	Ionut PORUMBEL	81-024 - Development, implementation and experimental validation of an original functional combustion chamber model of a numerical algorithm for complex reactive turbulent flows simulation / Elaborarea, implementarea si validarea experimentalata pe un model functional original de camera experimentalata pe un model functional original de camera simularea curgerilor turbulente reactive complexe	PN II	UEFISCDI	382	96
F108	September-07	September-10	Luminita HOSSU	71-036 - Inner passenger cabin noise reduction using optimized fuselage structure / Reducerea nivelului de zgomot in cabina pasagerilor prin optimizarea structurii fuselajului	PN II	UEFISCDI	328	151
F109	June-07	October-10	Marian NITULESCU	21-052 - New method, ecological, for electric energy production of heat extracted from deep wells / Metoda noua, ecologica, de producere energie electrica, din caldura extrasa din puturile de mare adancime	PN II	UEFISCDI	333	233
F110	September-07	June-10	Marina ANDREI	21-045 - Electrical generators with permanent magnets having 10 up to 200 kW power / Generatoare electrice cu puteti intre 10 si 200 KW cu magneti permanenti	PN II	UEFISCDI	242	55
F111	October-08	December-10	Mihai BORZEA	22-117 - "Efficiency and Reliability Improvements of Combustion and Starting Gas Installations for average power Cogeneration Plants and Turbocompressors" - COMDEM / Cresterea eficientei si fiabilitatii instalatiilor de gaz combustie si demaraj pentru centrale cogenerative si grupuri turbocompresore de puteri medii	PN II	UEFISCDI	120	70
F112	September-07	July-10	Mihaiella CRETU	81-016 - Integrated system for protection of ventilation from strategic interest buildings, in the event of chemical and biological attack / Sistem integrat de protectie a instalatiilor de ventilatie din cladirile de interes strategic, in caz de atac cu agenti chimici si biologici	PN II	UEFISCDI	428	60
F113	October-08	December-11	Mircea Dan IONESCU	82-076 - Vehicle for orbital access and ex-atmospheric re-entrance / Vehicul de acces orbital si reintrare exo-atmosferica	PN II	UEFISCDI	218	15
F114	October-08	December-10	Radu CODOBAN	22-109 - Sliding Vane Compressor for Improving Energy Efficiency by recover of natural gas flow in annular space of oil wells - COMPREG / Cresterea gradului de utilizare a resurselor energetice prin realizarea unei instalatii de comprimare pentru recuperarea gazelor naturale din spatiul inelar la sondele petroliere	PN II	UEFISCDI	119	75
F115	February-07	September-10	Romulus PETCU	21-001 - Hydropneumatic wave driven plant CHPV / Centrala hidropneumatica actionata de valuri - CHPV	PN II	UEFISCDI	310	16
F116	December-07	November-10	Sterian DANAILA	81-027 - The analysis and control of thermoacoustic instabilities inside the combustion chamber of an aircraft engine (ITACA) / Analiza si controlul instalatiilor tremo-acustice din camera de ardere a motoarelor aeroreactoare	PN II	UEFISCDI	408	308
F117	October-08	September-11	Sterian DANAILA	72-181 - Aerodynamic optimisation of turboprop engine nacelle for the improvement flight safety and pollution reduction / Optimizarea aerodinamica a nacelei motoarelor turbopropulsoare in vederea cresterii sigurantei zborului si a reducerii nivelului de poluare	PN II	UEFISCDI	153	80
F118	June-07	October-10	Valentin SILIVESTRU	21-061 - System for recovery energy gas expansion, unused natural gas, with electricity generation using screw turbine / Sistem de recuperare a energiei de detenta neutilizata a gazelor naturale cu producere de energie electrica, utilizand turbina cu surub	PN II	UEFISCDI	416	349
F119	October-08	December-11	Valentin SILIVESTRU	22-084 - Electricity generation system from unused energy of gas expansion / Sistem de producere de energie electrica din energia de detenta neutilizata a gazelor	PN II	UEFISCDI	113	84,5
F120	June-10	March-11	Emil COJOCARU	POS 137 - Studies of marketing and promotion plan services INCD Turbines COMOTI / Studii de marketing si plan de promovare a serviciilor INCD Turbomotoare COMOTI	POS CCE AXA II	ANCS	93	93