

LISTA DE LUCRĂRI

S.I. dr.ing. Mihai COMȘIT

Lista celor 10 lucrări relevante

1. Vișa I., Moldovan M., **Comșit M.**, Duță A., Improving the Renewable Energy Mix in a Building Towards the Nearly Zero Energy Status, Energy and Buildings, 68, Pages: 72-78, 2014
2. Visa I., **Comsit M.**, Duta A., Urban acceptance of facade integrated novel solar thermal collectors, Energy Procedia 48 (2014) 1429 – 1435
3. **Comsit M.**, Design of the sustainable urban vehicles- new concepts for photovoltaic integrated solutions in automotive, Environmental Engineering and Management Journal, 2011, Vol.10, No. 8, 1115-1125
4. Enesca A., **Comsit M.**, Visa I, Duta A, Photovoltaic Efficiency of a Grid Connected 10 kWp System Implemented in the Brasov Area, 12th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010
5. Alexandru, C., **Comsit, M.** The energy balance of the photovoltaic tracking systems using virtual prototyping platform, 5-th International Conference on the European Electricity Market - EEM08 (IEEE / PES - Power Engineering Society), Lisbon, Portugal, p. 1-6, ISBN 978-1-4244-1743-8, Digital Object Identifier 10.1109/EEM.2008.4579038, INSPEC Accession Number 10114332, IDS Number BII66
6. **M. Comsit**, I. Visa, A. Enesca, A. Duta, Outdoor testing of fixed and tracked PV platforms
7. I. Visa, **M. Comsit**, M. D. Moldovan, A. Duta, Outdoor simultaneous testing of four types of photovoltaic tracked modules, Journal of Renewable and Sustainable Energy 6, 2014
8. **M. Comsit**, I. Visa, M.D. Moldovan, L Isac, Architecturally Integrated Multifunctional Solar-Thermal Façades, Sustainable Energy in the Built Environment - Steps Towards nZEB, Springer Proceedings in Energy 2014, pp 47-65.
9. Teza de doctorat, M.Comsit, Mecanisme de orientare specifice sistemelor de conversie a energiei, Universitatea Transilvania din Brasov, 2007
10. Daghi, I., Podborski, V., **Comșit, M.**, **Doctoreanu, I.**, Coloristică generală, Editura Universității din Brașov , 2006

Titlul tezei de doctorat

Mecanisme de orientare specifice sistemelor de conversie a energiei

Brevete de invenție, protecție model industrial

- Visa Ion; Duta-Capra Anca; Neagoe Mircea; Comsit Mihai, Moldovan Macedon Dumitru; Burduhos Bogdan Gabriel, Sistem de panouri solare plane poligonale modularizate pentru integrare în fațade, RO128860 (A0), 2013;

- I. Vișa, M. Comșit, A. Dută-Capra, M. Neagoe, Radu Gabriel Săulescu, Daniela Ciobanu., M. D. Moldovan, B. G. Burduhos, D. Perniu, A. I. Enesca, L. Isac, E. Ienei, C. Mihoreanu, I. Toțu Colector solar termic modular pentru optimizarea prin testare a eficienței conversiei și creșterea acceptanței arhitecturale, cu numărul de înregistrare A00939 / 02.12.2014
1. blicat in BOPI nr. 4 din 2013, brevet nr. RO128315 A0

Lista monografii

- Daghi, I., Podborski, V., Comșit, M., Doctoreanu, I., Coloristică generală, Editura Universității din Brașov , 2006
- Vișa, I., Dută, A. Renewable Energy Sources, Editura Universității Transilvania, 2005, Co-autor Cap. „Solar Thermal” si grafic designer
- Vișa, I., Dută, A “Sustainable Energy” , Transilvania University of Brașov Publishing House, ISBN 978-973-598-454-0, 2008, Co-autor Cap. „PV Systems”

Jurnale Indexate ISI

1. I. Visa, **M. Comsit**, M. D. Moldovan, A. Duta, Outdoor simultaneous testing of four types of photovoltaic tracked modules, Journal of Renewable and Sustainable Energy 6, 2014, factor de impact 0,925;
2. Vișa I., Moldovan **M.**, **Comșit M.**, Duță A., Improving the Renewable Energy Mix in a Building Towards the Nearly Zero Energy Status, Energy and Buildings, 68, Pages: 72-78, 2014, factor de impact 2,465;
3. Visa I., **Comsit M.**, Duta A., Urban acceptance of facade integrated novel solar thermal collectors, Energy Procedia 48 (2014) 1429 – 1435
4. **Comsit M.**, Design of the sustainable urban vehicles- new concepts for photovoltaic integrated solutions in automotive, Environmental Engineering and Management Journal, 2011, Vol.10, No. 8, 1115-1125
5. I. Visa, **M. Comsit**, M. D. Moldovan, A. Duta, Outdoor simultaneous testing of four types of photovoltaic tracked modules, Journal of Renewable and Sustainable Energy 6, 2014

Articole Indexate BDI sau publicate în conferințe internaționale

1. Ion Visa, Mircea Neagoe, Macedon Moldovan, Mihai Comsit, Structural Synthesis of Parallel Linkages by Multibody Systems Method, Applied Mechanics and Materials, 658, Pages 153-160, 2014;
2. Badea, M., Moraru, S.A., Visa I., Burduhos B.G., Comsit M., Command-Control-Monitoring of a Dual-Axis Tracking Photovoltaic Platform, Manufacturing Modelling, Management, and Control, Volume 7 ,Part 1, Sankt Petesburg, Russia, 2013
3. Ciobanu D., Jaliu C. , Visa I., **Comsit M.**, Solar thermal system with dish collector used for Cooling, EuuroSun Conference , Rjiek, Croația 2012
4. **M.Comsit**, Design of the sustainable urban vehicles- new concepts for photovoltaic integrated solutions in automotive, Environmental Engineering and Management Journal, 2011, Vol.10, No. 8, 1115-1125
5. Eneșca, **M. Comșit**, I. Vișa , Duță, New types of solid state solar cells - alternatives for silicon photovoltaic cells, Bulletin of the Transilvania University of Brasov - series I: Engineering Sciences, Transilvania University of Brasov Publishing House, Brasov 2010

6. Alexandru Enesca, **Mihai Comsit**, Ion Visa, Anca Duta, Photovoltaic Efficiency of a Grid Connected 10 kWp System Implemented in the Brasov Area, 12th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010
7. **M.Comsit**, I.Visa, Trends in integrated photovoltaic solutions for the design of new cars generation, CONAT 2010, International Congress on Automotive and Transport Engineering, Brasov 2010
8. **M.Comsit**, I. Visa, Integrated prototyping platform for a tracked PV system, 24rd EU PVSEC - 23rd European Photovoltaic Solar Energy Conference and Exhibition, Hamburg, Germany, 21-25 Septembrie 2009.
9. Alexandru, C., **Comsit, M.** The energy balance of the photovoltaic tracking systems using virtual prototyping platform, 5-th International Conference on the European Electricity Market - EEM08 (IEEE / PES - Power Engineering Society), Lisbon, Portugal, p. 1-6, ISBN 978-1-4244-1743-8, Digital Object Identifier 10.1109/EEM.2008.4579038, INSPEC Accession Number 10114332, IDS Number BII66
10. Alexandru, C., **Comsit, M.**, Alexandru, P. Dynamic optimization of a 2-DOF pseudo-equatorial tracking system in virtual prototyping concept, International Conference on Renewable Energy and Power Quality - ICREPQ'08 (European Association for the Development of the Renewable Energy and Power Quality), Santander, Spain, p. 17-18, ISBN 978-84-611-611-9289-2
11. Alexandru, C., **Comsit, M.**, Visa, I. The optimization of the single-axis tracking system used for a solar collector 1-st International Conference on Solar Heating, Cooling and Buildings – EUROSUN'2008 (International Solar Energy Society – ISES & International Energy Agency – IEA), Lisbon, Portugal, p. 1-6, ISBN 978-972-95854-7-0
12. **M.Comsit**, I.Visa, A.Duta Tracked PV Platform System for Outdoor Testing 23rd European Photovoltaic Solar Energy Conference, Valencia, 1-5 September 2008.
13. Alexandru, C., **Comsit, M.** Dynamic analysis and optimization of the photovoltaic tracking systems using virtual prototyping tools Seventh International Symposium on Tools and Methods of Competitive Engineering - TMCE 2008, Izmir, Turkey, p. 1615-1627, ISBN 978-90-5155-044-3
14. Alexandru, C., **Comsit, M.** Modeling the tracking system of a photovoltaic platform using the ADAMS & EASY5 software solutions 2nd International Conference on Sustainable Energy - CSE 2008, Braşov, p. 109-114, Editura Universitatii Transilvania din Brasov, ISBN 978-973-598-316-1
15. R. Saulescu, D.Diaconescu, **M. Comsit**, M. Neagoe, About the Conceptual Design of a testing PV panel platform fitted with a dual-axis Tracking System. The 2nd Conference on Sustainable Energy, Braşov, 3-5 July 2008.
16. Popa S., Moldovean Gh., **Comsit M.**, Safety clutch with balls and spherical seats radially disposed. Description. Geometrical elements International Conference TEHNONAV 2008 (CD), 22-24 May 2008
17. **M.Comsit**, I.Visa, J.Korner, A.Duta, D.Diaconescu, PV TWIN –Tracking System Laboratory, 21st European Conference and Exhibition, 3-7 september 2007, Fiera Milano, Italy.
18. C.Alexandru, **M.Comsit**, Virtual prototyping of the tracking systems, International Conference on Renewable Energy and Power Quality, 27 March-1 April, Sevilla, Spain 2007
19. **M Comsit**, I Visa, Design of the linkages type tracking mechanisms of the solar energy conversion systems by using Multi Body Systems Method, 12th IFToMM World Congress, Besançon (France), June 18-21, 2007
20. **M.Comsit**, Integrarea arhitecturală a sistemelor de orientare tip platformă în mediul construit -Campus Colina Universităţii, PRASIC, 7-9 noiembrie 2006, Braşov, România.

21. Vișa I., Duță A., **Comșiț M.**, Product design for sustainable development – integrated research and Education Platform , Conferința Națională de Surse Noi și Regenerabile de Energie, 18-20 octombrie 2006, Târgoviște, Romania
22. Alexandru C., **Comșiț, M .**, The virtual prototype of a complex PV panels – system with tracking, 21st European Conference and Exhibition, 4-8 september 2006, Dresden, Germany.
23. Calin, R.G., Visa, I., **Comsit, M.**, Duta, A., ‘Improving the nanostructured materials by spray pyrolysis deposition’, International Conference on Sustainable Energy, Brasov 7-9 Iulie 2005, ISBN:973-635 539-X, pg.38,;
24. **Comsit, M.**, Calin, R.G., Visa, I., Duta, A., ‘A tracking system design for PV panels’, 20th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 Iunie, Barcelona, Spania;
25. Calin, R.G., Visa, I., **Comsit, M.**, Duta, A., ‘An automatic spraying installation for thin layers used in solar energy conversion devices’, 20th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 Iunie, Barcelona, Spania;
26. Visa, I., **Comsit, M.**, ‘Tracking Systems for solar Energy Conversion Devices’, Proceedings of EuroSun 2004 14. Intern. Sonnenforum, Freiburg, Germania, vol. I, 2004, p.783

Granturi și contracte de cercetare științifică

- LEONARDO DA VINCI PILOT PROJECT RO/02/B/F/PP 141053 “WBT WORLD”, 2004-2005- **responsabil Design**
- SOCRATES / COMENIUS 226362-CP-1-2005-1-RO-COMENIUS-C21 “SEE-EU Tool Sustainable Energy For High School Education - An European Training TOOL”, 2005-2008, **responsabil Design**
- CNCSIS A 418/2006 Cercetari privind cresterea eficientei conversiei energiei solare in colectoarele solar-termice, 2006-2008, **membru**
- CEEX Modul 1 605/2005 Complementaritatea surselor fotovoltaice și a captatoarelor termice în arhitectura clădirilor și asigurarea utilității de energie electrică și termică – COFOTERM, 2006-2008, **membru**
- CEEX Modul 1 752/2006 Sisteme mecanice noi pentru creșterea eficienței conversiei energiei solare în energie electrică, 2006-2008, **membru**
- EUROMAINT LLP/NL/06/B/F/PP-157604, 2006-2008, **membru**
- Platforma de cercetare „Product design for Sustainable Development, 2006-2007, **membru**
- PROject-Based SCHOOL management PRO-SCHOOL ,142320-LLP-1-2008-1-TR-COMENIUS-CMP, 2008-2010, **membru**
- PNII - Parteneriate 22-101/2008 “Statie autonoma de monitorizare cu aplicatii in domeniul energiei fotovoltaice si al protectiei mediului” 2008-2011, **membru**
- POS-CCE: PRO-DD (contract 11/2009) Institut de Cercetare Dezvoltare Inovare: Produse High-Tech pentru Dezvoltare Durabilă (PRO-DD), 2009-2012, **membru**
- proiect SFERA 2013 Experimental Study Regarding the increase of Received Solar Energy through Orientation Exp-Orient 2012, **membru**;
- ANCS, PNII 28/2012, Sisteme solar termice eficiente cu acceptanță ridicată pentru implementare în mediul urban, EST IN URBA, 2012-2015, **membru**



Curriculum vitae Europass



Personal information

<i>First name(s) / Surname(s)</i>	MIHAI COMȘIȚ
<i>Address(es)</i>	Unirii Boulevard. Bl.2B, Sc.B, Ap.5, Et2, Făgăraș, Jud. Brașov, ROMANIA
<i>Telephone(s)</i>	Mobile: +40743047979
<i>Fax(es)</i>	-
<i>E-mail(s)</i>	comsit@unitbv.ro, mihai.comsit@yahoo.com
<i>Nationality</i>	Romanian
<i>Date of birth</i>	20 th June 1979
<i>Gender</i>	Male

Attending Position	Associate Professor, Transilvania University of Brașov
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Education and training

<i>Dates</i>	1998-2003
Occupation or position held	Engineering Student
Institution	Transilvania University of Brasov, Faculty of Technological Engineering, Product Design Study Programme
Type of activity	Higher Education
Title/ Diploma	Bachelor Engineer, Product Design field (2003)
<i>Dates</i>	2003-2007
Occupation or position held	Ms.C and PhD Student
Main activities and responsibilities	Didactical and Research activities in the Mechanical Engineering field
Name and address of the employer	Transilvania University of Brasov, Eroilor Boulevard, 29, 500036, Brasov

Type of activity or activity sector Title/ Diploma	Higher education - MSc., Master Design and Management of Renewable Energy Sources (2005) - Doctor Engineer, Mechanical Engineering field (2007) Doctoral Thesis: „Tracking mechanisms for solar energy conversion systems”									
Dates	2010-2012									
Occupation or position held	Post- Doctoral Researcher									
Main activities and responsibilities	Management and Research activities within Post Doctoral Grant, POSTDOC-DD, ID59323, „Modeling the energetic efficiency in tracked photovoltaic platforms”.									
Professional experience										
Dates	2007- up to date									
Occupation or position held	Lecturer									
Main activities and responsibilities	Didactic activities: teaching, assessing (lectures, seminars, laboratory classes) Research activity Support activity in the academic area Administrative activity within Product design, Mechatronics and Environment Department									
Name and address of the employer	Transilvania University of Brasov, Eroilor Boulevard, 29, 500036, Brasov, Faculty of Product Design and Environment, Department of Product Design, Mechatronics and Environment									
Type of activity or activity sector	Education and research in higher education									
Dates	2009-2012									
Occupation or position held	Designer									
Main activities and responsibilities	Technical and administrative activities: concepts, design, development of documentation, financial evaluation and supervising implementation of various projects developed within the Transilvania University buildings.									
Name and address of the employer	Transilvania University of Brasov, Eroilor Boulevard, 29, 500036, Brasov, Technical and Administrative Department									
Type of activity or activity sector	Industrial Design, Interior Design, Civil Engineering, Administration									
Personal skills and competences										
Specific competences on product and industrial design, renewable energy systems design and implementation, automotive.										
Mother tongue(s)	Romanian									
Other language(s) Selfassessment European level (*)										
English French	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

Social skills and competences

Team working: involvement in didactical, research and extracurricular activities developed in teams, creative attitude and support to the colleagues;

Negotiation skills: positive and active attitude; inter- and intra-cultural dialogue, communication at technical and non-technical level;

Inter-cultural experience: studying and living experience in several European countries (Austria, France, Germany, Greece, Italy, The Netherlands, Portugal, Spain, United Kingdom) is contributing in understanding of the cultural differences and similitude, giving value to the own education and culture, supporting a fast adaptation to the different working conditions.

Organisational skills and competences

The ability to coordinate and administrate teams, projects and budgets were developed as a direct result of the positions I held:

2005-2006 : **Grant Director** TD 125/2006 " Design of the tracking System for photovoltaic modules"

2005-2008: **Coordinator of Romanian Design and Implementation Team:** Bilateral Agreement Transilvania Brasov-FH Zwickau „PW Twin Laboratory"

2004-2005: **Coordinator Design Team:** Leonardo da Vinci pilot project RO/02/B/F/PP 141053 "WBT WORLD"

2005-2008: **Coordinator Design Team:** SOCRATES / COMENIUS 226362-CP-1-2005-1-RO-COMENIUS-C21 "SEE-EU Tool Sustainable Energy For High School Education - An European Training TOOL"

2010-2012: **Director** of Post Doctoral Grant, POSTDOC-DD, ID59323, „Modeling the energetic efficiency in tracked photovoltaic platforms".

2008-2014 : **Coordinator** of the BlueStreamline Formula Student Racing Team of Transilvania University of Brasov

Technical skills and competences

Concept, Design, Simulation, Implementation of the mechanical and RES systems, Interior Design, Graphic Design, Product/Industrial Design

Computer skills and competences

Office package (Word, Excell, Power Point, multi-media), 3D Modeling, SolidWorks, 3DS Max, Rhinoceros, Bryce, CorelDraw, SketchBook Designer, etc.

Artistic skills and competences

Computer Graphics, 3D Modeling, Artistic Drawing, Painting (oil, acrylic, tempera, guache, combined techniques), carving, clay modeling, graphics (various techniques)

Driving Licence

category B

Professional and scientific membership

Scientific Associations :

Member of Romanian Association for the Science of Mechanisms and Machines (ARoTMM) since 2006;

Awards and other recognition of the scientific contributions

- „The most performant research branch" 2005-2006, awarded by Transilvania University of Brasov
- The Award for „Coordination of the major importance Student Project – BlueStreamline 2010" awarded by Transilvania University of Brasov
- The Award for „Coordination of the major importance Student Project – BlueStreamline 2011" awarded by Transilvania University of Brasov
- The Award Best Working Team Formula Student Spain 2011, with the Racing Team BlueStreamline, and the Fuel Economy 1st Place, awarded by SEAT the Official Partner of Formula Student Spain 2011

Other relevant results

Books: 1(author), 2 (chapters' co author)

Scientific Papers: 33 papers, 9 as first author

Research Projects/Grants: 15 research projects as director or team member

Patents: 2 patents

Books:

1. Daghi, I., Podborski, V., **Comșit, M.**, Doctoreanu, I., *Coloristică generală*, (Romanian) Transilvania University of Brasov Publishing House, 2006
2. Vișa, I., Duță, A. *Renewable Energy Sources*, Transilvania University of Brasov Publishing House, 2005, Co-author Chapter „Solar Thermal” and graphic designer
3. Vișa, I., Duță, A. “Sustainable Energy”, Transilvania University of Braşov Publishing House, ISBN 978-973-598-454-0, 2008, Co-author Chapter „Solar Thermal Systems”

Scientific Papers (Selection):

1. Visa, **M. Comsit**, M. D. Moldovan, A. Duta, Outdoor simultaneous testing of four types of photovoltaic tracked modules, *Journal of Renewable and Sustainable Energy* 6, 2014, impact factor 0,925;
2. Vișa I., Moldovan M., **Comșit M.**, Duță A., Improving the Renewable Energy Mix in a Building Towards the Nearly Zero Energy Status, *Energy and Buildings*, 68, Pages: 72-78, 2014, impact factor 2,465;
3. Ion Visa, Mircea Neagoe, Macedon Moldovan, **Mihai Comsit**, Structural Synthesis of Parallel Linkages by Multibody Systems Method, *Applied Mechanics and Materials*, 658, Pages 153-160, 2014;
4. Badea, M., Moraru, S.A., Visa I., Burduhos B.G., **Comsit M.**, Command-Control-Monitoring of a Dual-Axis Tracking Photovoltaic Platform, *Manufacturing Modelling, Management, and Control*, Volume 7, Part 1, Sankt Petesburg, Russia, 2013;
5. **Mihai Comsit**, Ion Visa, Macedon Dumitru Moldovan, Luminita Isac, Architecturally Integrated Multifunctional Solar-Thermal Façades, *Sustainable Energy in the Built Environment - Steps Towards nZEB*, Springer Proceedings in Energy 2014, pp 47-65;
6. Ion Visa, **Mihai Comsit**, Anca Duta, Urban Acceptance of Facade Integrated Novel Solar Thermal Collectors, *Energy Procedia*, Volume 48, 2014, Pages 1429–1435
7. **M. Comsit**, Design of the sustainable urban vehicles- new concepts for photovoltaic integrated solutions in automotive, *Environmental Engineering and Management Journal*, 2011, Vol.10, No. 8, 1115-1125;
8. **M. Comsit**, I. Visa, Trends in integrated photovoltaic solutions for the design of new cars generation, *CONAT 2010, INternational Congress on Automotive and TRansport Engineering*, Brasov 2010
9. **M. Comsit**, I. Visa, Integrated prototyping platform for a tracked PV system, *24rd EU PVSEC - 23rd European Photovoltaic Solar Energy Conference and Exhibition*, Hamburg, Germany, 21-25 September, 2009;
10. Alexandru, C., **Comsit, M.** The energy balance of the photovoltaic tracking systems using virtual prototyping platform, *5-th International Conference on the European Electricity Market – EEM 2008 (IEEE / PES - Power Engineering Society)*, Lisbon, Portugal, p.1-6, ISBN 978-1-4244-1743-8, DOI 10.1109/EEM.2008.4579038, INSPEC Accession Number 10114332, IDS Number BII66
11. **M. Comsit**, I. Visa, A. Duta, Tracked PV Platform System for Outdoor Testing, *23rd European Photovoltaic Solar Energy Conference*, Valencia, 1-5 September 2008;
12. **M. Comsit**, I. Visa, J. Korner, A. Duta, D. Diaconescu, PV TWIN –Tracking System Laboratory, *21st European Conference and Exhibition*, 3-7 september 2007, Fiera Milano, Italy.
13. **M Comsit**, I Visa, Design of the linkages type tracking mechanisms of the solar energy conversion systems by using Multi Body Systems Method, *12th IFToMM World Congress*, Besançon (France), June 18-21, 2007;
14. **M. Comsit**, Architectural integration of the platform-type tracking systems in the built environment –University Hill Campus, PRASIC, 7-9 November 2006, Brasov, Romania.
15. **Comsit, M.**, Calin, R.G., Visa, I., Duta, A., ‘A tracking system design for PV panels’, *20th European Photovoltaic Solar Energy Conference and Exhibition*, 6-10 June, Barcelona, Spain;

Lecturer Dr.Eng Mihai COMȘIT

Other relevant results

Research Projects/Grants:

1. CNCSIS Td 125/2006 Proiectarea sistemului de orientare pentru panouri fotovoltaice – Grant Director
2. Bilateral Agreement Transilvania University Brasov- University of Applied Sciences Zwickau „PW Twin Laboratory, 2005-2007– coordinator design/ implementation team Brasov
3. SFERA 2013 E Experimental Study Regarding the Efficiency of Tracked PV Modules, ETrack ;
4. LEONARDO DA VINCI PILOT PROJECT RO/02/B/F/PP 141053 “WBT WORLD”,2004-2005- Design Team Coordinator
5. SOCRATES / COMENIUS 226362-CP-1-2005-1-RO-COMENIUS-C21 “SEE-EU Tool Sustainable Energy For High School Education - An European Training TOOL”,2005-2008, Design Team Coordinator
6. CNCSIS A 418/2006 Research on increasing the efficiency of solar energy conversion in solar thermal collectors ,2006-2008, member
7. CEEX Module 1 605/2005 The complementarity of PV sources with solar thermal convertors in architecture of the building providing the necessary electrical and thermal energy – COFOTERM, 2006-2008,member
8. CEEX Module 1 752/2006 Mechanical systems for increasing the efficiency conversion of solar energy in electricity, 2006-2008, member;
9. EUROMAINT LLP/NL/06/B/F/PP-157604, 2006-2008, member
10. Research Platform „Product design for Sustainable Development, 2006-2007, member
11. PROject-Based SCHOOL management PRO-SCHOOL ,142320-LLP-1-2008-1-TR-COMENIUS-CMP, 2008-2010, member
12. PNII - Partenariats 22-101/2008 “Autonomous monitoring station with applications in the photovoltaic energy and environmental protection field”2008-2011, member
13. POS-CCE: PRO-DD (contract 11/2009) Research Development and Innovation Institute: High-Tech Products for Sustainable Development (PRO-DD), 2009-2012, member
14. SFERA 2013 Experimental Study Regarding the increase of Received Solar Energy through Orientation Exp-Orient 2012, member;
15. ANCS, PNII 28/2012, Efficient Solar Thermal Systems with high acceptance for implementation in the urban environment, EST IN URBA, 2012-2015, member

Patents:

1. Visa Ion; Duta-Capra Anca; Neagoe Mircea; **Comsiť Mihai**, Moldovan Macedon Dumitru; Burduhos Bogdan Gabriel, Modular Poligonal Flat Solar Panels for facades integration, RO128860 (A0), 2013;
2. Vișa, **M. Comsiť**, A. Duță-Capra, M. Neagoe, Radu Gabriel Săulescu, Daniela Ciobanu., M. D. Moldovan, B. G. Burduhos, D. Perniu, A. I. Enesca, L. Isac, E. Ienei, C. Mihoreanu, I.Țoțu Modular solar thermal collector for optimization of efficiency conversion by and for increasingof the architectural acceptance, rgistration number A00939 / 02.12.2014