

EUREKABUILD PROPOSALS		
1. SUSTAINABLE BUILT ENVIRONMENT		
No.	Proposal Title	Company/Institute Proposer Name – Contact person
1.1	Selection criteria of glazing in buildings in the tertiary sector	<p>Centre for Renewable Energy Sources – Div. of Energy Efficiency – Dept. of Buildings, Greece M. Kikira (mkiki@cres.gr)</p> <p><u>Potential Consortium</u></p> <ul style="list-style-type: none"> ○ Uniglass Ltd, Greece ○ Greek Federation of Glaziers & Artisans of Glass Panes, Greece ○ Aluminium Association of Greece <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr)
1.2	Environmental strategies in retrofitting of University buildings	<p>National Technical University of Athens - Environmental Management Unit, Greece E. Trianti (etrianti@chemeng.ntua.gr)</p> <p><u>Potential Consortium</u></p> <ul style="list-style-type: none"> ○ ICS DUELL - High technology environmental applications ○ PYROGENESIS - Ecological waste disposal ○ The Delamore Group ○ ISTO Ltd - Construction and consulting <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr)
1.3	“Ecologic Education Building”: Interventions planned for an existing education building, in order to become energy self-sufficient	<p>Municipality of Thessaloniki – Dept. of Building Constructions, Greece V. Kyriakou (vanta@civil.auth.gr)</p> <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Centre for Renewable Energy Sources – Div. of Energy Efficiency – Dept. of Buildings, Greece M. Kikira (mkiki@cres.gr)

1.4	Development of sustainable advanced concrete technologies based on ecologic and economic assessment of the expected lifetime cycle	<p>Tecnochem Italiana S.p.A., Italy R. Vaes (rolandvaes@hotmail.com; info@tecnchem.it)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ National Technical University of Athens - Sch. of Chemical Engineering - Sect. of Materials Science & Engineering, Greece A. Moropoulou (amoropul@central.ntua.gr) ○ TITAN Cement Company S.A., Greece Em. Chaniotakis (haniotakise@titan.gr) ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr) ○ CERECO S.A., Greece K. Stournaras (cjstournaras@cereco.gr; cereco@otenet.gr) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr) ○ Obrascon Huarte Lain S.A., Spain T. Sanchez – Segura (segura@ohl.es) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at) ○ TEI of Western Macedonia, Greece K. Vatalis (kvatalis@teikoz.gr) O. Manoliadis (omanoliadis@yahoo.com)
1.5	Development of new methods for the ecological restoration of roadsides: ecosystems and landscapes (ROADSCAPE)	<p>Obrascon Huarte Lain S.A., Spain I. Mola Caballero (imola@ohl.es)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Greek Institute of Geology & Mineral Exploitation M. Grossou – Valta (valta@tee.gr; igmedtem@ath.forthnet.gr)
1.6	Tiles for lining building facades imitating the skin functions for heating/heat dissipation in buildings	<p>National Technical University of Athens - Sch. of Civil Engineering - Dept. of Structural Engineering, Greece J. Tzouvadakis (itzouvad@central.ntua.gr)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ CERECO S.A., Greece K. Stournaras (cjstournaras@cereco.gr; cereco@otenet.gr) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr) ○ Greek Institute of Geology & Mineral Exploitation M. Grossou – Valta (valta@tee.gr; igmedtem@ath.forthnet.gr)

1.7	Empirical research for the innovative performance of the Greek enterprises: The case of construction	<p>Liaison Office of the Technological Educational Institute of Athens, Greece D. Kitsou (diames@teiath.gr) <u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl)
1.8	Prefabricated terrace floor slabs for the creation of a “green roof” with low plants	<p>Attiko Metro S.A., Greece D. Batsos (dbatsos@ametro.gr) <u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr)
1.9	Sustainable architectural design presupposes the capability of sustainable building construction	<ul style="list-style-type: none"> ○ M2K architects, Greece M. Katsaros (m.katsaros@m2k.gr) ○ Democritus University of Thrace – Dept. of Civil Engineering, Greece K. Sideris (kksider@civil.duth.gr) <p><u><i>Potential Consortium</i></u></p> <ul style="list-style-type: none"> ○ Anastasiades Company of Building Enterprises, Greece ○ Tekton S.A. Ready Mix Concrete & Aggregate Company, Greece <p><u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ BASF Chemical Company, Greece ○ TITAN Cemennt Company S.A., Greece ○ Tecnochem Italiana S.p.A., Italy R. Vaes (rolandvaes@hotmail.com; info@tecnochem.it) ○ Evonymos Ecological Library, Greece M. Chondrou-Karavasili (evonymos@tee.gr; ritakar@tee.gr) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at) ○ TEI of Western Macedonia, Greece K. Vatalis (kvatalis@teikoz.gr) O. Manoliadis (omanoliadis@yahoo.com)
1.10	Resources and Buildings – Energy – Materials – Environment: Integrated approach with respect to overall sustainability agenda	<p>Czech Technical University in Prague – Fac. of Civil Engineering, Czech Republic P. Hajek (petr.hajek@fsv.cvut.cz) J. Tywoniak (jan.tywoniak@fsv.cvut.cz)</p> <p><u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at)

EUREKABUILD PROPOSALS		
2. LIVING CULTURAL HERITAGE		
No.	Proposal Title	Company/ Institute Proposer Name – Contact person
2.1	Repair and protection of cracked masonries in seismic areas by use of the Flexible Joint Method	<p>Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl)</p> <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro)
2.2	Sustainable reconstruction of educational and cultural spaces in peripheral communities	<p>Evonymos Ecological Library, Greece M. Kourouzidis (evonymos@tee.gr)</p> <p><u>Potential Consortium</u></p> <ul style="list-style-type: none"> ○ National Technical University of Athens - Environmental Management Unit, Greece ○ National Technical University of Athens – Sch. of Civil Engineering, Greece ○ ICS DUELL - High technology environmental applications ○ PYROGENESIS - Ecological waste disposal ○ The Delamore Group ○ ISTO Ltd - Construction and consulting <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Evonymos Ecological Library, Greece M. Chondrou-Karavasili (evonymos@tee.gr; ritakar@tee.gr)
2.3	New systems to monitor the long term behavior of historic buildings	<ul style="list-style-type: none"> ○ Labein Tecnalia - Building and Territorial Development Unit, Spain I. Rodriguez – Maribona (isabel@labein.es) ○ Fundacion Santa Maria La Real, Spain V. Cobo Garcia (vacobo@santamarialareal.org) <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ Centre for Renewable Energy Sources – Div. of Energy Efficiency – Dept. of Buildings, Greece M. Kikira (mkiki@cres.gr) ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr) ○ HOD Technological Development, Austria P. Kremlitzer (peter.kremlitzer@porr.at) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr)
2.4	Using innovative GPR techniques for environmental and archaeological studies	Geomorph Instruments, Greece M. Arvanitis (info@geomorph.gr)

2.5	Redevelopment of an entire urban area in Thessaloniki historical center by creating a city hotel	<p>Metropolis Architecture, Greece V. Metallinou (vivianna@aias.gr) <u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr)
2.6	Sustainability and cultural heritage	<p>Municipality of Thessaloniki – Dept. of Building Constructions, Greece V. Kyriakou (vanta@civil.auth.gr) <u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Centre for Renewable Energy Sources – Div. of Energy Efficiency – Dept. of Buildings, Greece M. Kikira (mkiki@cres.gr) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr)
2.7	Assessment of appropriate monitoring methods for the mitigation of hydro-geological hazards' impact on tourist cultural sites	<p>National Technical University of Athens – Sch. of Rural and Surveying Engineering - Centre for the Assessment of Natural Hazards and Proactive Planning, Greece A. Laoupi (alaoupi@otenet.gr) C. Mitsakaki (topocris@central.ntua.gr) <u><i>Potential Consortium</i></u></p> <ul style="list-style-type: none"> ○ National Observatory of Athens, Greece ○ University of Patras – Dept. of Geology, Greece ○ OMAS Cyprus Ltd. ○ National Centre for Scientific Research, France ○ University of Oxford – Dept. of Earth Sciences, United Kingdom <p><u><i>Partners that expressed interest</i></u></p> <ul style="list-style-type: none"> ○ Liaison Office of the Technological Educational Institute of Athens, Greece V. Chatzikian (hatzikia@otenet.gr)

2.8	<p>Development of restoration materials and interventions for the earthquake protection of historic buildings</p>	<p>National Technical University of Athens - Sch. of Chemical Engineering - Sect. of Materials Science & Engineering, Greece A. Moropoulou (amoropol@central.ntua.gr) <u>Potential Consortium</u></p> <ul style="list-style-type: none"> ○ National Technical University of Athens - Sch. of Civil Engineering – Structural Engineering Div., Greece P. Karydis (pcarydis@central.ntua.gr) ○ National Technical University of Athens, Sch. of Civil Engineering - Structural Engineering Div., Greece K. Syrmakezis (isaarsyr@central.ntua.gr) ○ TITAN Cement Company S.A., Greece Em. Chaniotakis (haniotakise@titan.gr) ○ Earthquake Planning & Protection Organisation, Greece N. Papadopoulos (npapadop@oasp.gr) ○ University of Pavia - Dept. of Structural Mechanics, Italy F. Casciati (Fabio@dipmec.unipv.it) ○ SME SIART s.r.l., Italy ○ Syracuse University – Sch. of Architecture ○ University of Ljubljana, Slovenia R. Zarnic (roko.zarnic@fgg.uni-lj.si) <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Greek Institute of Geology & Mineral Exploitation M. Grossou – Valta (valta@tee.gr; igmedtem@ath.forthnet.gr) ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr) ○ Obrascon Huarte Lain S.A., Spain T. Sanchez – Segura (segura@ohl.es) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at) ○ TEI of Western Macedonia, Greece K. Vatalis (kvatalis@teikoz.gr) ○ O. Manoliadis (omanoliadis@yahoo.com)
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2.9	<p>Protection of masonries against rising damp by innovative plasters – Design and application of innovative systems for the conservation of the traditional masonries</p>	<p>National Technical University of Athens - Sch. of Chemical Engineering - Sect. of Materials Science & Engineering, Greece A. Moropoulou (amoropol@central.ntua.gr)</p> <p><u>Potential Consortium</u></p> <ul style="list-style-type: none"> ○ MAPEI Hellas S.A., Greece J. Koropoulis (j.koropoulis@mapei.gr) ○ University Ca Foscari of Venice, Italy G. Biscontin (bisco@unive.it) ○ Colorificio San Marco, Italy R. Mazzari (renzo.mazzari@sanmarcogroup.it) ○ Superintendence of Venice, Italy R. Codello (rodello@arti.beniculturali.it) ○ Arcadia Ricerche srl., Italy G. Driussi (arcadia@vegapark.ve.it) ○ INSULA spa, Italy M. Regini (michele.regini@insula.it) <p><u>Partners that expressed interest</u></p> <ul style="list-style-type: none"> ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ CERECO S.A., Greece K. Stournaras (cjstournaras@cereco.gr; cereco@otenet.gr) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Greek Institute of Geology & Mineral Exploitation M. Grossou – Valta (valta@tee.gr; igmedtem@ath.forthnet.gr) ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Tecnochem Italiana S.p.A., Italy R. Vaes (rolandvaes@hotmail.com; info@tecnchem.it) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at)
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2.10	<p>Design and engineering of highly ductile concretes and mortars for new construction and preservation of cultural heritage in case of earthquakes, flooding, terrorist attack etc.</p>	<p>Tecnochem Italiana S.p.A., Italy R. Vaes (rolandvaes@hotmail.com; info@tecnchem.it)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Technical and Test Institute for Construction Praha, Czech Republic J. Klouda (klouda@tzus.cz) ○ CERECO S.A., Greece K. Stournaras (cjstournaras@cereco.gr; cereco@otenet.gr) ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr) ○ Obrascon Huarte Lain S.A., Spain T. Sanchez – Segura (segura@ohl.es) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at)
2.11	<p>Intangible cultural heritage: indigenous knowledge and practice concerning the natural environment</p>	<p>Technical University of Crete, Greece M. Skoula (mskoula@mail.tuc.gr)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Britt, Romania V. Rotaru (v.rotaru@rctp.ro) ○ Technical University of Crete, Dept. of Mineral Resources Engineering, Greece G. Triantafyllou (gtriant@mred.tuc.gr)
2.12	<p>Understanding and recognizing cultural heritage significance in bridges (Heritage Bridges)</p>	<p>University of Zagreb – Fac. of Civil Engineering & Civil Engineering Institute, Croatia J. Radic (jradic@grad.hr)</p> <p><i>Potential Consortium</i></p> <ul style="list-style-type: none"> ○ Universidad de Valladolid - Laboratorio Fotogrametria Arquitectonica, Spain ○ University Basque Country – Fac. of Architecture, Spain ○ EURA Conservation Ltd., United Kingdom ○ University of Ljubljana, Slovenia ○ University of Venice, Italy ○ Politecnico di Milano, Italy <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ TEI of Western Macedonia, Greece K. Vatalis (kvatalis@teikoz.gr) ○ O. Manoliadis (omanoliadis@yahoo.com)

2.13	Development of innovative technologies and methodologies for monitoring, conservation and decision making regarding cultural heritage preventive conservation and protection	<p>European Construction Technology Platform – Focus Area “Cultural Heritage” – Working Group 2 “Materials” Coordinators</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr) ○ Liaison Office of the Technological Educational Institute of Athens, Greece V. Chatzikian (hatzikia@otenet.gr) ○ Obrascon Huarte Lain S.A., Spain T. Sanchez – Segura (segura@ohl.es) ○ HOD Technological Development, Austria P. Kremnitzer (peter.kremnitzer@porr.at)
2.14	Conservation and Revealing of Cultural Heritage and Sustainability and Protection of Environment along European Motorways: The case of Egnatia Motorway in Northern Greece	<p>Democritus University of Thrace – Dept. of Civil Engineering - Inst. Structural Mechanics and Earthquake Engineering, Greece</p> <p>A. Liolios (liolios@civil.duth.gr; aliolios@egnatia.gr)</p> <p><i>Potential Consortium</i></p> <ul style="list-style-type: none"> ○ Democritus University of Thrace – Dept. of Environmental Engineering - Inst. Ecological Engineering & Technology, Greece V. Tsihrintzis (tsihrin@env.duth.gr) ○ National Technical University of Athens, Greece ○ TEKTON S.A. “Ready Mix Concrete & Aggregate Co”, Greece V. Skarlatos (tekton@otenet.gr) ○ Egnatia Odos S.A., Greece A. Liolios (liolios@civil.duth.gr; aliolios@egnatia.gr) <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Britt, Romania V. Rotaru (v.rotaru@rcpt.ro) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr)
2.15	New procedures to evaluate the structural integrity & behavior in cultural heritage	<p>AIDICO, Construction Technology Institute, Spain</p> <p>J. Yuste Navarro (javier.yuste@aidico.es)</p> <p><i>Partners that expressed interest</i></p> <ul style="list-style-type: none"> ○ Cracow University of Technology, Poland A. Kwiecien (akwiecie@pk.edu.pl) ○ Democritus University of Thrace, Greece A. Dimoudi (adimoudi@env.duth.gr) ○ Institute of Engineering Seismology & Earthquake Engineering Th. Salonikios (salonikios@itsak.gr)
2.16	Non-smooth computational mechanics for heritage structures	<p>Technical University of Crete - Institute of Computational Mechanics and Optimization</p> <p>G. Stavroulakis (gestavr@dpm.tuc.gr)</p>

2.17	Assessment of historical masonry buildings using rapid visual screening procedures	University of Patras, Dept. of Civil Engineering, Greece S. Dritsos (dritsos@upatras.gr) <u>Potential Consortium</u> <ul style="list-style-type: none">○ Aristotle University of Thessaloniki – Dept. of Civil Engineering, Greece○ Municipality of Corfu, Greece○ Municipality of Kalavryta, Greece○ Municipality of Agrinio, Greece
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