

Title: Design of a Modular Platform for an Ultra-Light electric Motorbike for Urban Commuting and Recreation.

Organisation: Department of Products and Systems Design Engineering, University of the Aegean

Type: PhD Research

Date/Place: 2018 – present, Syros-Athens

Field: Product design and development, mechanical analysis, simulation, ergonomics, CAD, CAE, renewable energy, electric mobility.

From left to right: Electric ultralight motorcycle preliminary designs. Conventional space-frame chassis design, motor and battery unit as stressed member, motor and battery separate units as a stressed reconfigurable assembly.



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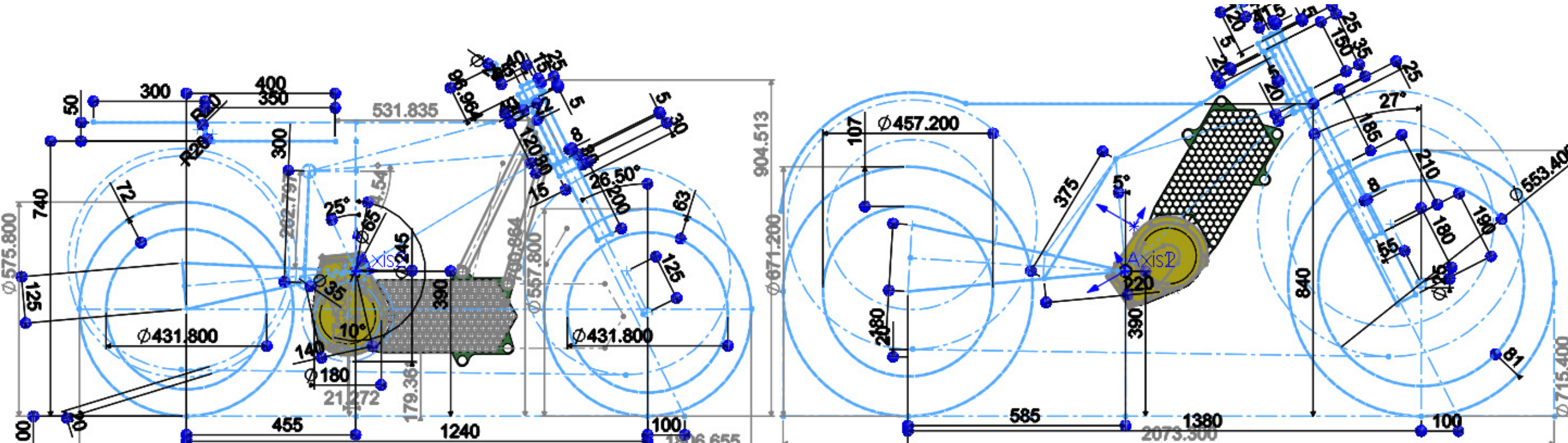
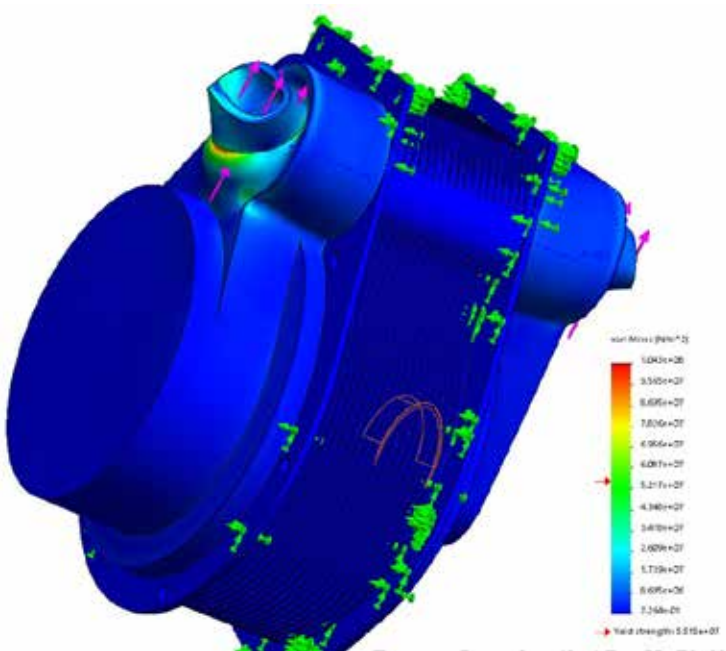
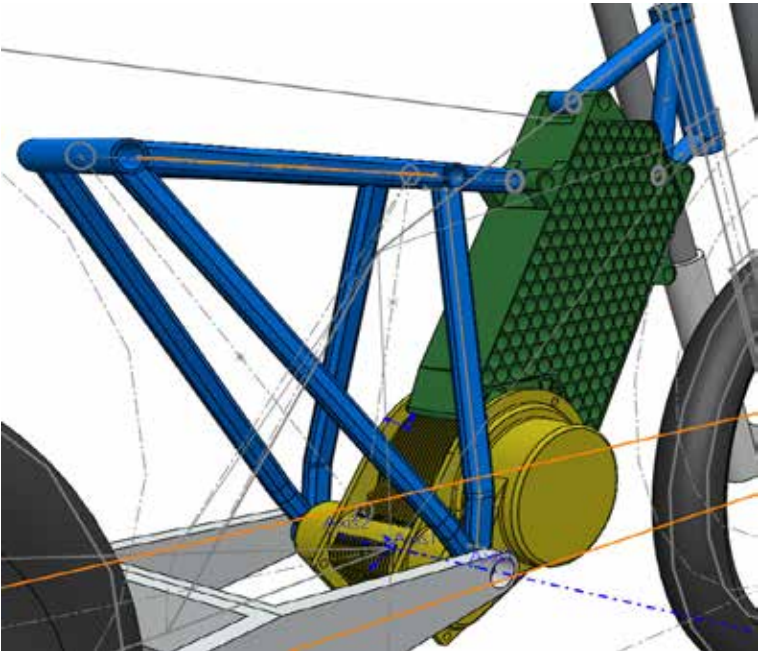
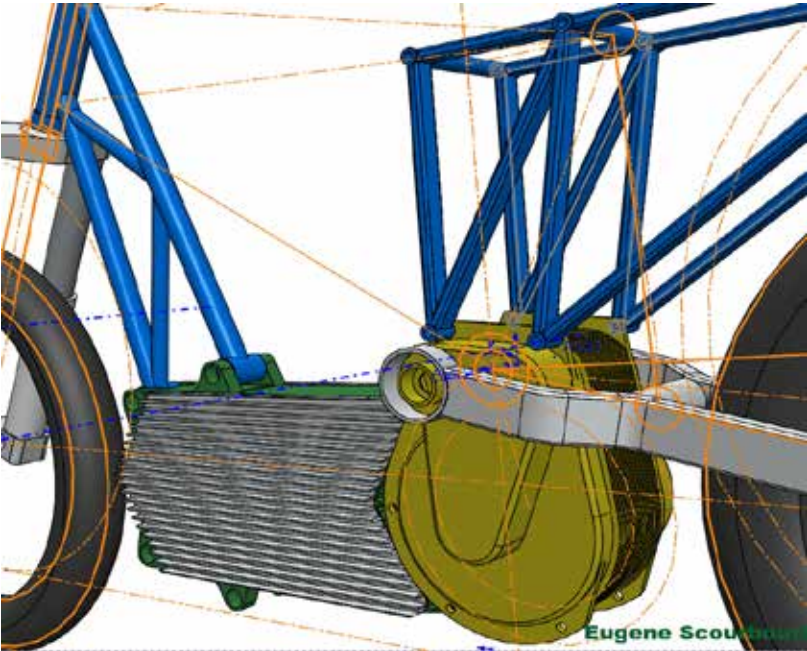
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Clockwise from top left: 4KW, 3-4 gear, modular platform for 40-50 kg electric motorbike consisting of motor/gearbox unit and battery unit. As stressed memebrs:.Scooter configuration, On/Off - S/M motorbike configuration, rudimentary stress analysis on motor casing, geometry for both configurations.



Title: Thermal Solar Heating Systems

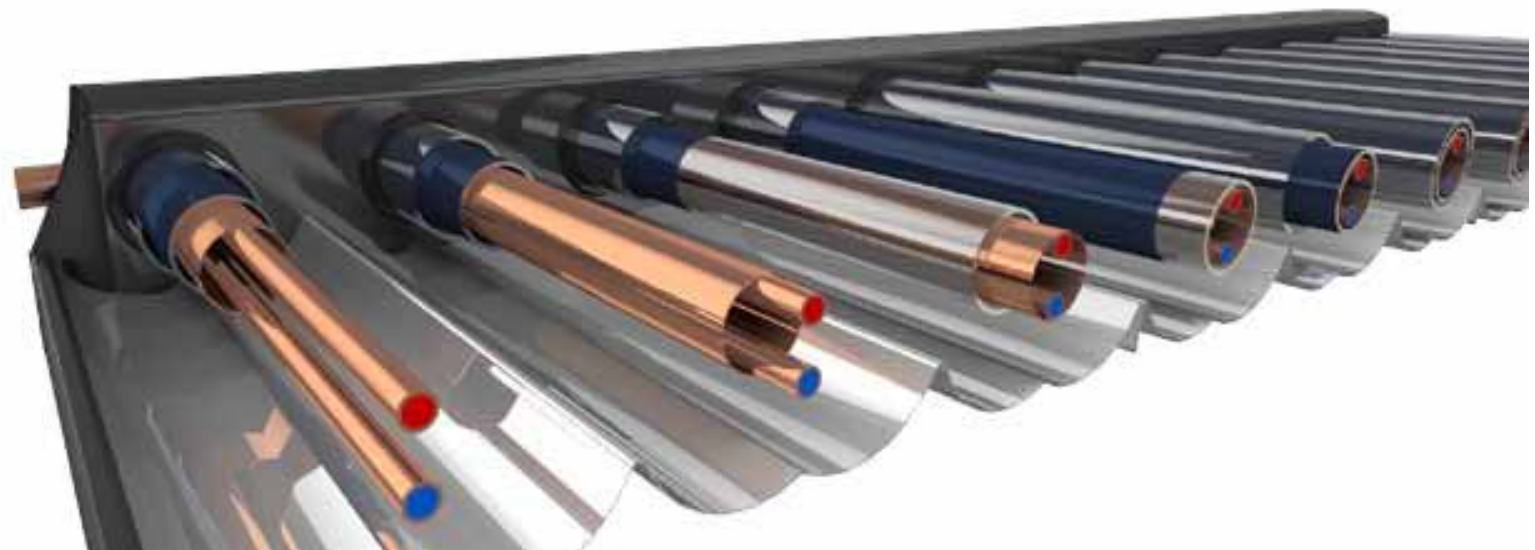
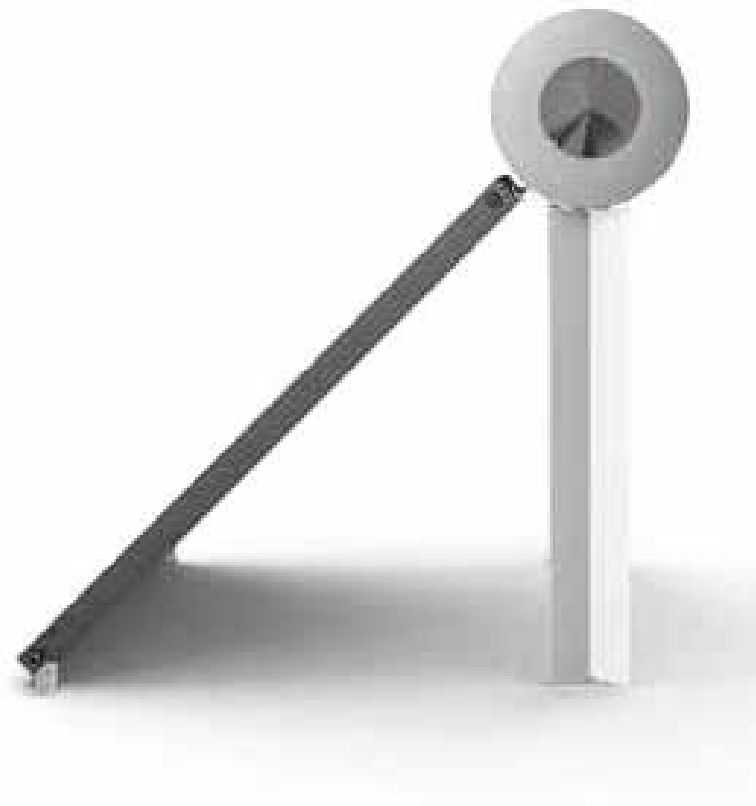
Organisation: Calpak

Type: Research and Development, New Product Development

Date/Place: 2007 – present, Athens-Corinth

Field: Product design and development, ergonomics, CAD, detail design, production design, renewable energy.

Clockwise from top left: MK4 all aluminium thermosiphonic system with collector body acting as stressed member (2014), MK4 system side view, VTS vacuum collector thermosiphonic system (2015), VTS vacuum collector section (2010), M4 aluminium body selective collector (2013).



Title: Thermal Solar Heating Systems

Organisation: Calpak

Type: Research and Development, New Product Development

Date/Place: 2007 – present, Athens-Corinth

Field: Product design and development, ergonomics, CAD, detail design, production design, renewable energy.

Clockwise from top left: Prisma Thermosiphonic System (2020} PATENT NO: 20120100313 Co- Inventor, EUROPEAN REGISTERED DESIGN NO'S: 20120600063, 20120600064., Creator. Thermosiphonic system with modular steel sheet base system. detail of system, detail of novel construction PU sealed collector.



Title: Green BMP System for Evaluation of Methane Production from Different Biomass Samples

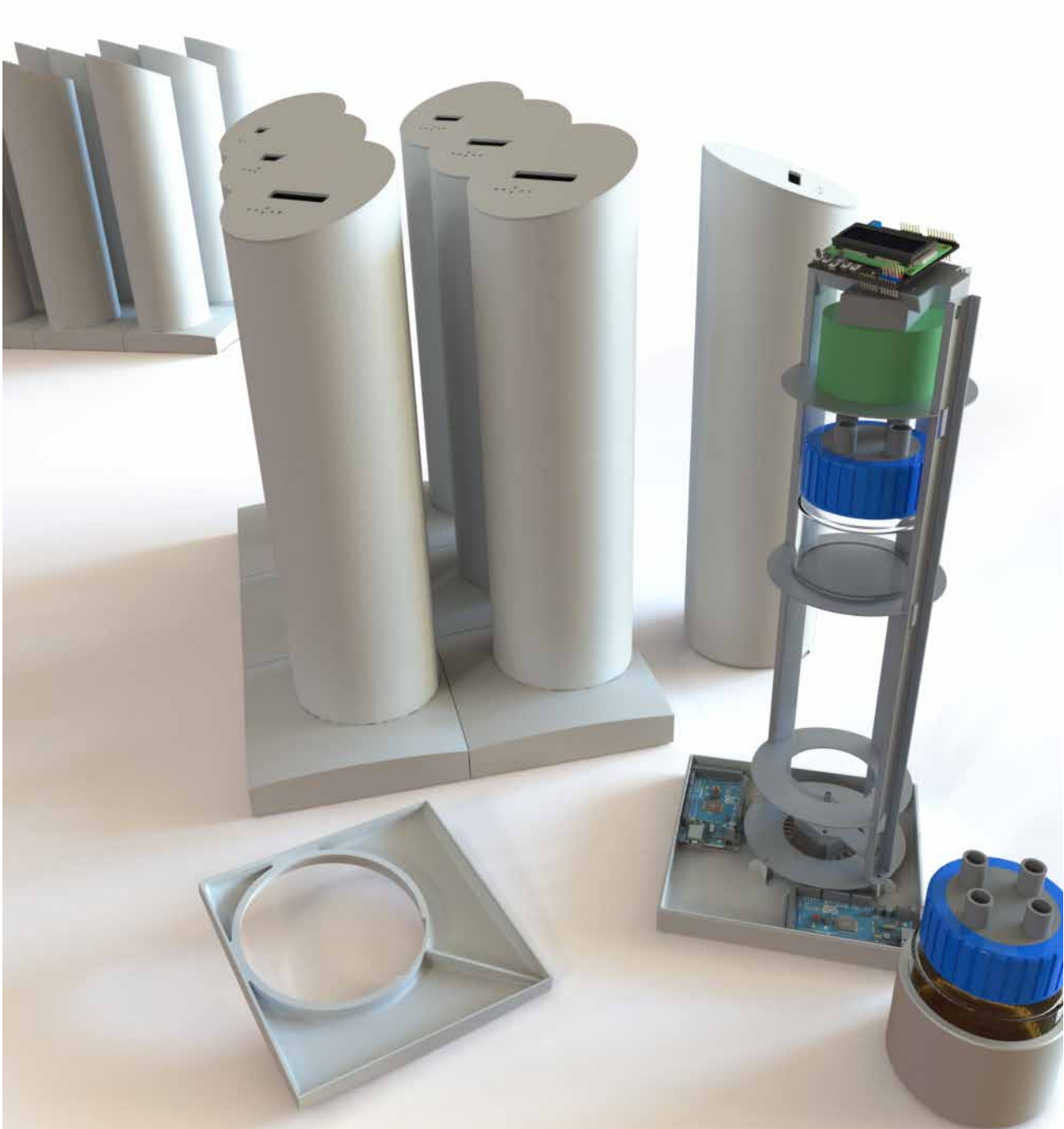
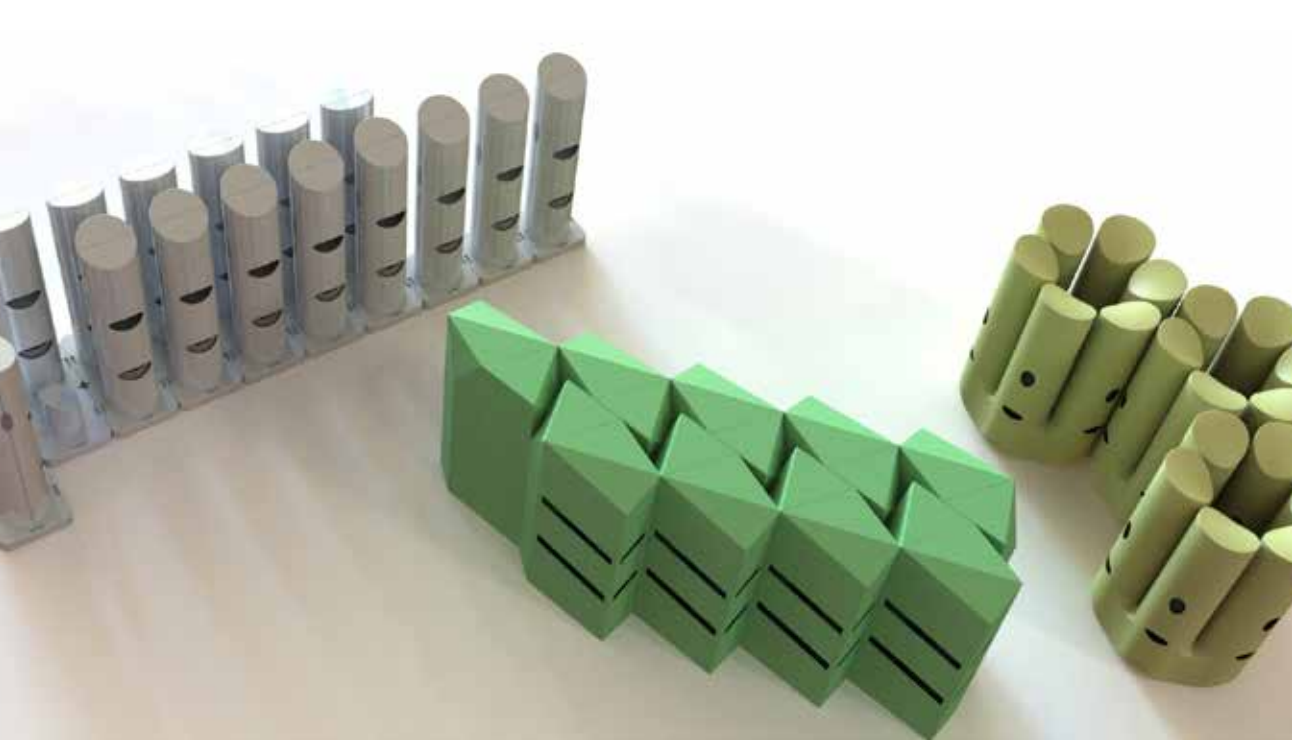
Organisation: Integrated Industrial Design Laboratory, Department of Products and Systems Design Engineering, University of the Aegean.

Type: Research and Development, New Product Development

Date/Place: 2018 – present, Syros-Patras

Field: Product design and development, ergonomics, CAD, detail design, production design, renewable energy.

Clockwise from top left:



Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης

Title: Prometheus 5 natural gas electric generator with hydrogen fuel cell.

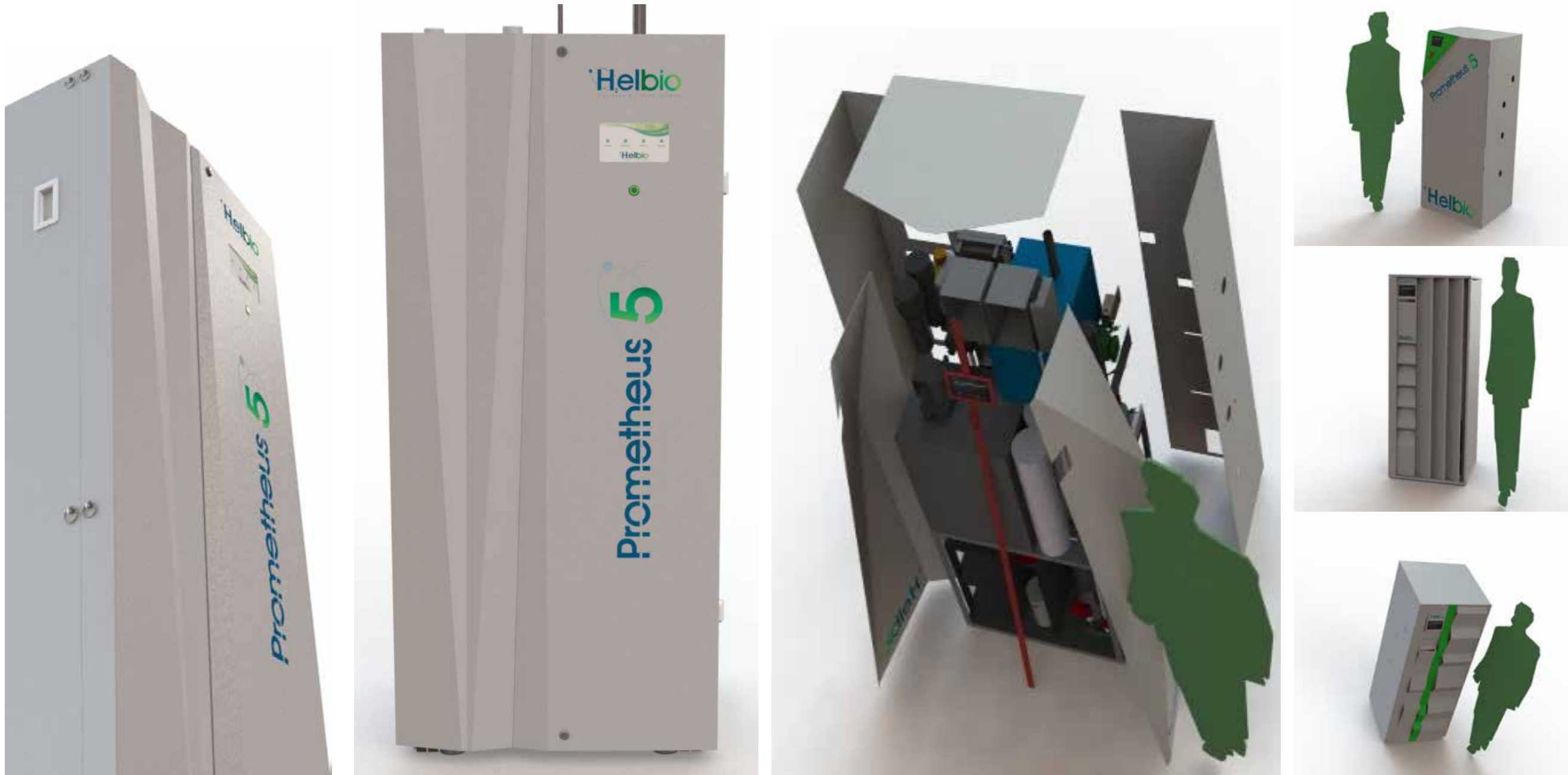
Organisation: Integrated Industrial Design Laboratory, Department of Products and Systems Design Engineering, University of the Aegean for HELBIO.

Type: Industrial Design

Date/Place: 2018, Syros

Field: Concept design, ergonomics, CAD, preliminary design, design for manufacturing, renewable energy..

Left to right: Final preliminary design detail, final preliminary design, exploded view showing preliminary design and internals, alternative preliminary designs.



Title: Intellibox mobile phone automatic service station

Organisation: Upstream Systems

Type: Research and Development, New Product Development

Date/Place: 2011, Athens

Field: Concept design, ergonomics, CAD, preliminary design, design for manufacturing,interaction design.



Title: Apparatus for Acoustically Improving an Environment / International patent NO: WO/2002/025631 Co-inventor

Organisation: Royal College of Art, Herman Miller, Aylo

Type: Research and Development

Date/Place: 2000-2, London

Field: Product design, engineering design, prototyping, AI, auditory perception, interior architecture systems..

Left to right: Early concept for a stand-alone device, detailed design of prototype design for field user testing.



Title: Apparatus for Acoustically Improving an Environment / International patent NO: WO/2002/025631 Co-inventor

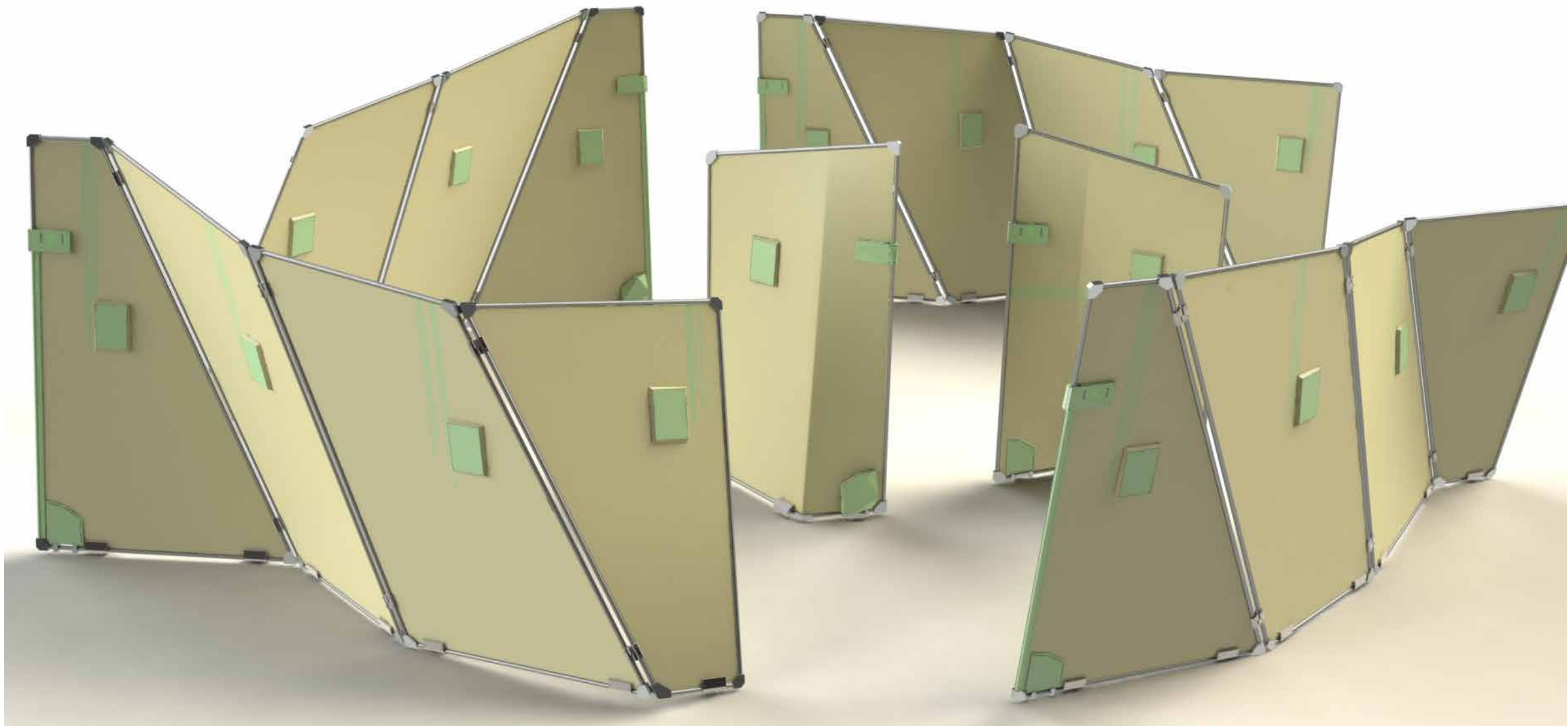
Organisation: Royal College of Art, Herman Miller, Aylo

Type: Research and Development

Date/Place: 2000-2, London

Field: Product design, engineering design, prototyping, AI, auditory perception, architecture systems..

Below: Different configurations of final detailed design for prototype intended for extensive field user testing.



Title: Remote Controlled Ergonomic Task Light, *British patent GB2352502, Inventor*

Organisation: Eugene Scourboutis

Type: Research and Development,

Date/Place: 1999 – 2007, London-Athens

Field: Product design, lighting design, prototyping, visual perception.

Left to right: Alternative designs with respect to interaction principle, formal qualities **and** manufacturing for physical and virtual prototyping and testing.



Title: Persado Athens Headquarters Interior Design

Organisation: Persado

Type: Interior and Furniture Design

Date/Place: 2013, Athens

Field: Interior design, furniture design, lighting design, art direction, space planning, batch production, project management, .

Clockwise from top left: Wallpaper photo collage, laser cut floor lamp, kitchen/bar area with bespoke furniture, OSB library, 8 people conference table and assorted library, entrance area with collage wallpaper and breakout bar in the background, 14 people conference table with accompanying library and wallpaper.



Title: Upstream Systems Athens Headquarters Interior Design

Organisation: Upstream Systems

Type: Interior and Furniture Design

Date/Place: 2007-8, Athens

Field: Interior design, furniture design, lighting design, art direction, space planning.

Left to right: Reception, multifunctional conference table.



Title: Smart furniture range for confined living spaces.

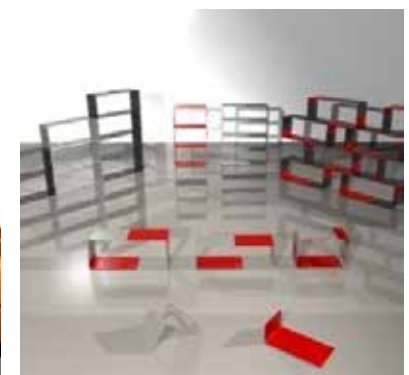
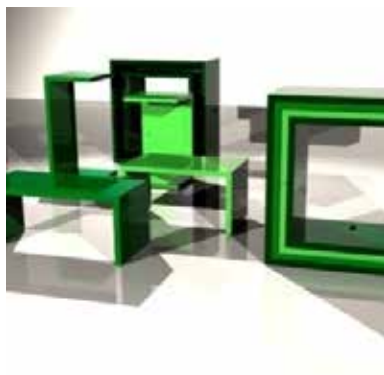
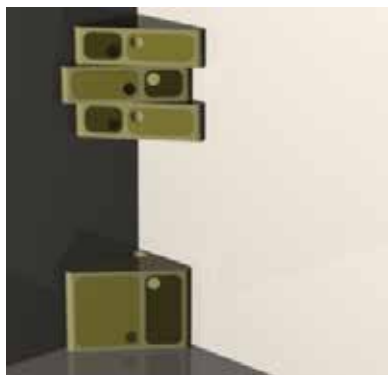
Organisation: Small Beautiful Things

Type: Furniture and product design

Date/Place: 2002-6, London

Field: Furniture design, product design, production design and management, design startup.

Clockwise from top left: Loungebox multifunctional, transformative coffee table, Lighside bedside table/storage/light, Sidecab storage system/nest of tables, Dryline laundry bin/clothes rack, various preliminary designs for multifunctional, transformational furniture systems.



Title: Anafi Beach Bar.

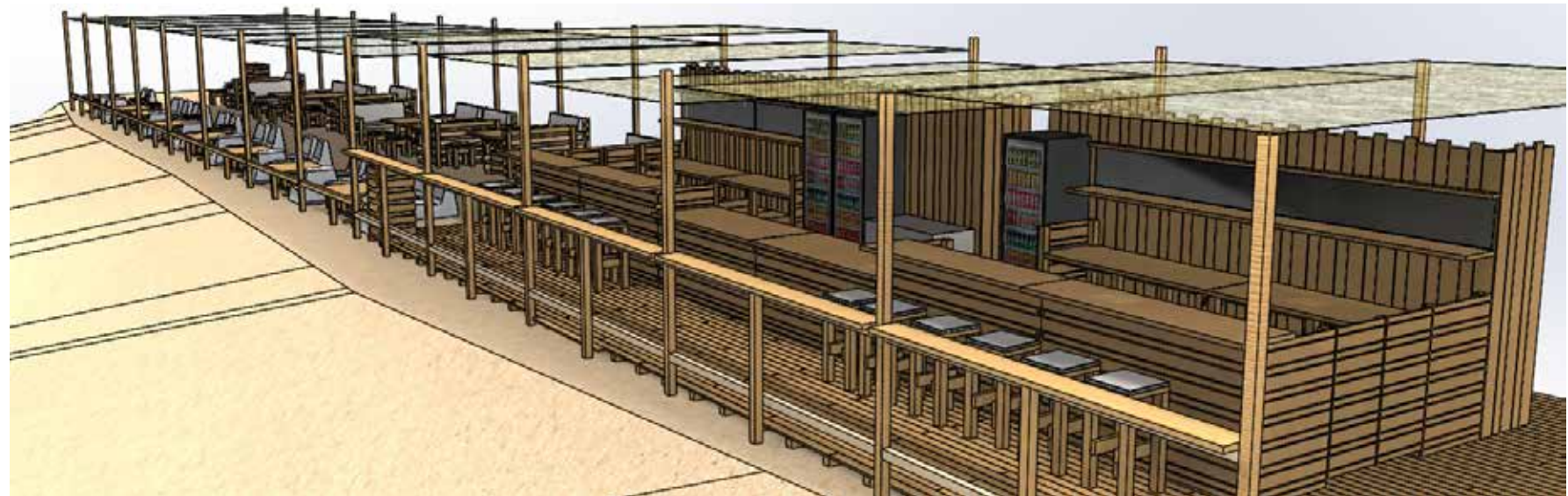
Organisation: Synapsis Engineering

Type: Furniture and interior design,

Date/Place: 2016, Athens - Anafi

Field: Furniture design, interior design, production design and management.

Clockwise from top left: Finished bar showing bespoke furniture, final design showing furniture, decking, canopy, bar structures and equipment.



Title: Bar lights.

Organisation: Nixon Bar

Type: Lighti design.

Date/Place: 2017, Athens

Field: Light design, lighting design, production design.

Clockwise from top left: Led chandeliers incorporating crystals form 1960's vintage chandelier from hilton Athens, over the table ergonomic ceiling light from laser cut acrylic and LED projector.



Title: Balustrade – seating system.

Organisation: Deca Architecture

Type: Furniture design

Date/Place: 2015-6, Athens-Porto Rafti

Field: Furniture design, architectural systems, detail design, production design.

Bellow: Wood and steel structure serving as multifunctional seating bar system and as a balustrade.



Title: Construction company office

Organisation: Salcon Construction

Type: Furniture design, interior design

Date/Place: 2006-7, Athens

Field: Furniture design, interior design, space planning, artwork, production design.

Clockwise from top left: Main reception area with seating area and materials showcase furniture, director's office with bespoke furniture and artwork, reception desk and waiting area.



Title: Aluminium façade system

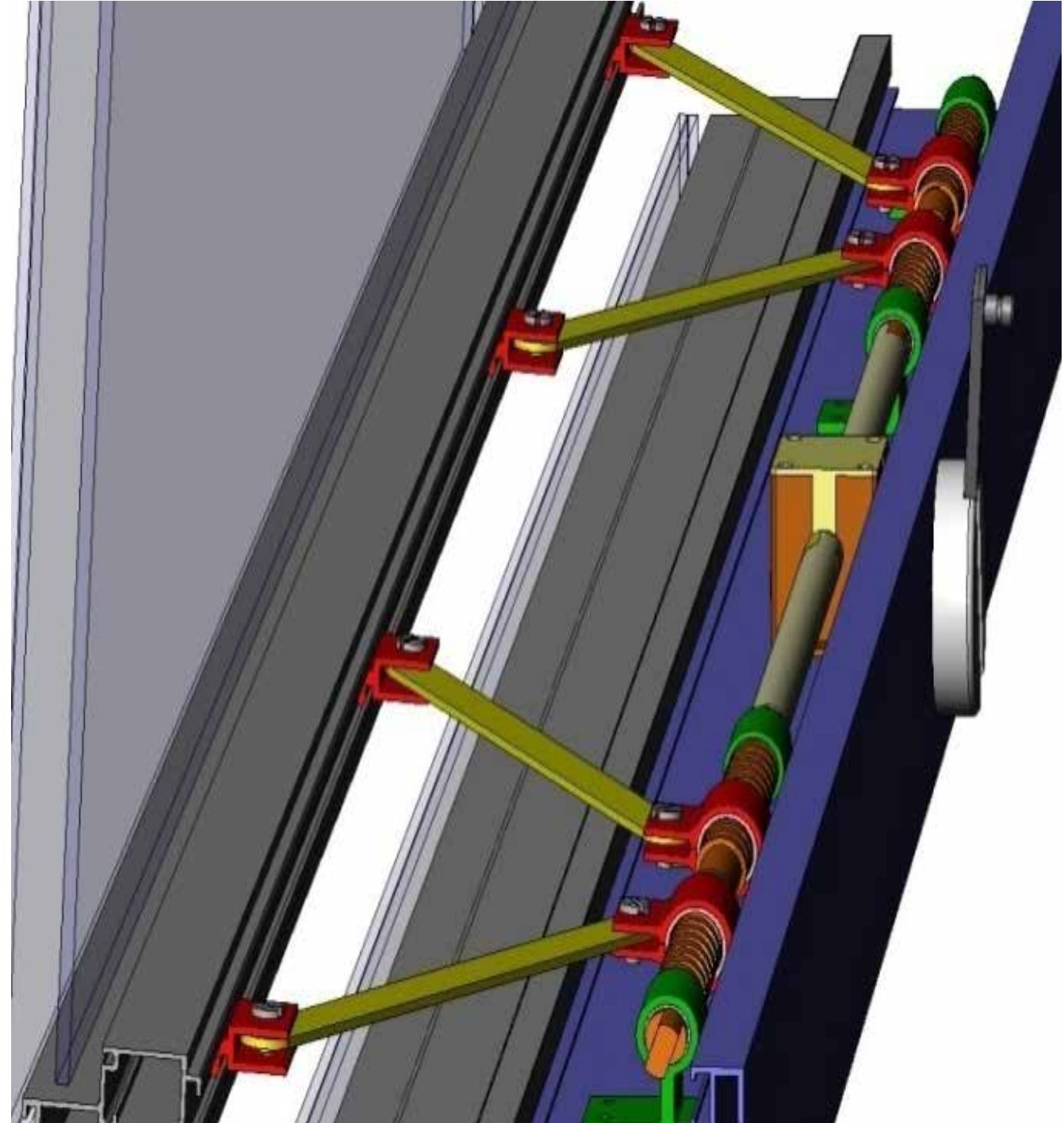
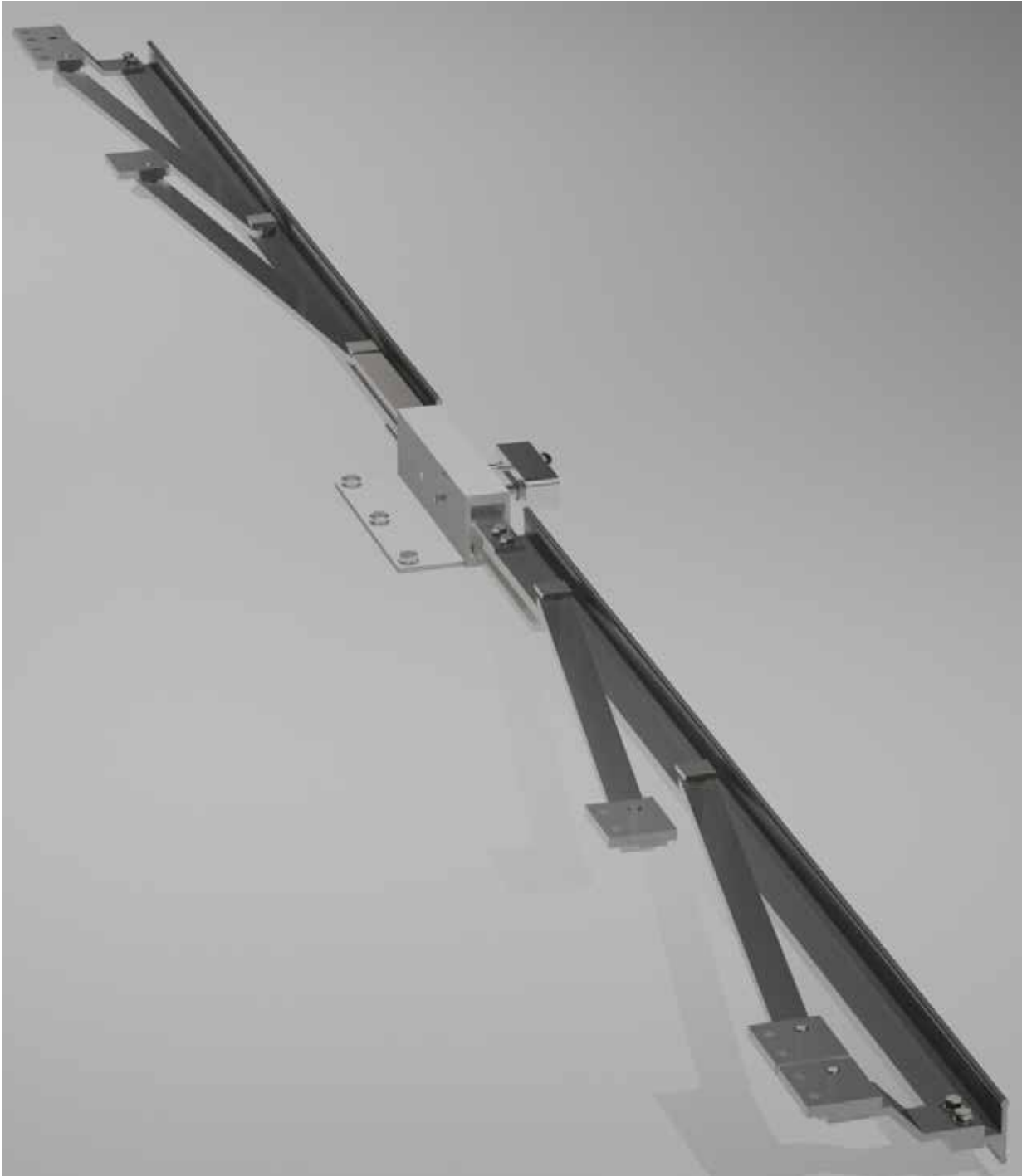
Organisation: Alutotal

Type: Engineering design

Date/Place: 2006-7, Athens

Field: Engineering design, mechanical design, detail design, architectural systems.

Left to right: Final detail design of window opening system, alternative preliminary design..



Title: mPad, digitizing pad for salespeople

Organisation: British Gas

Type: Industrial design

Date/Place: 2004, London

Field: Industrial design, ergonomics, prototyping, testing.

Clockwise from top left: Alternative views of final detailed design, concept sketches.



Title: Retractable Roof

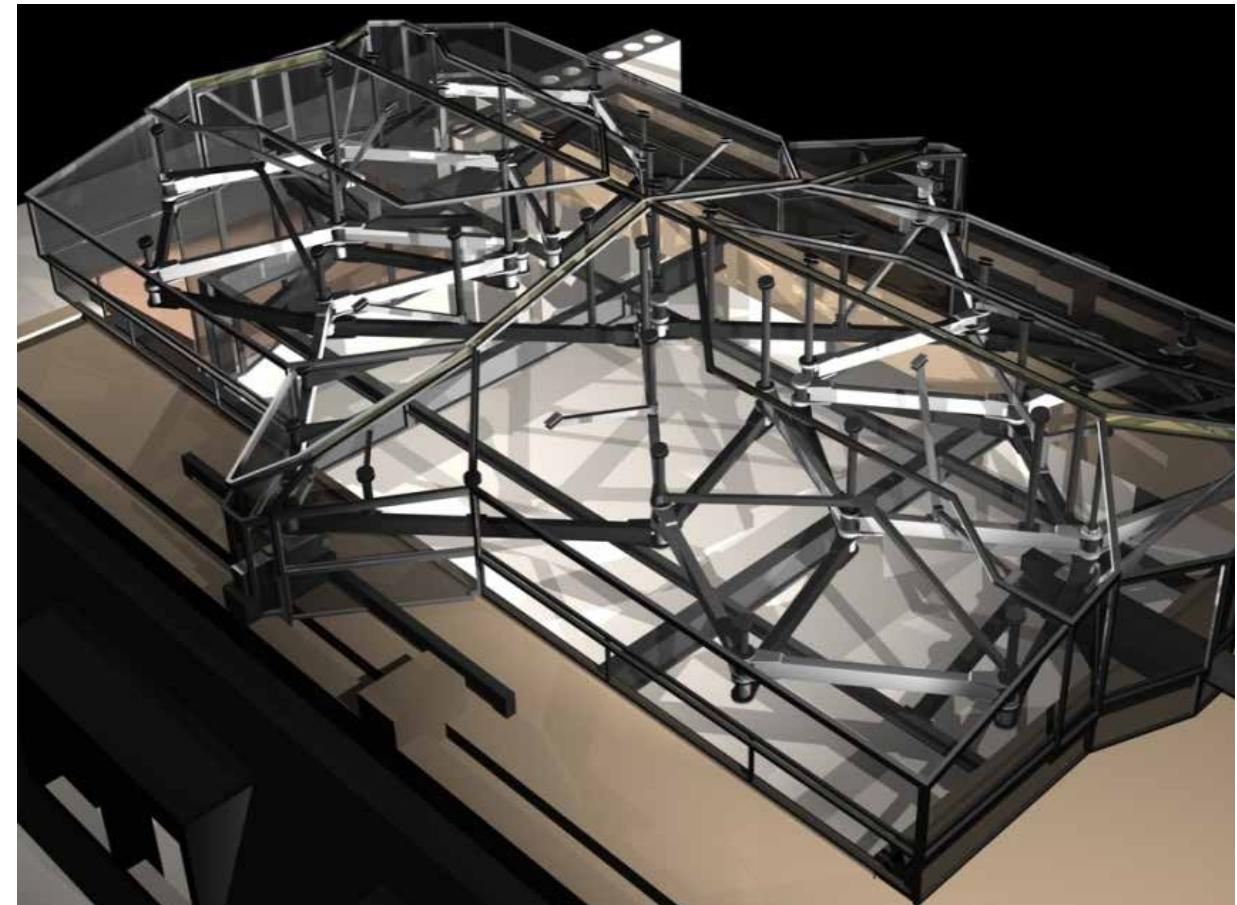
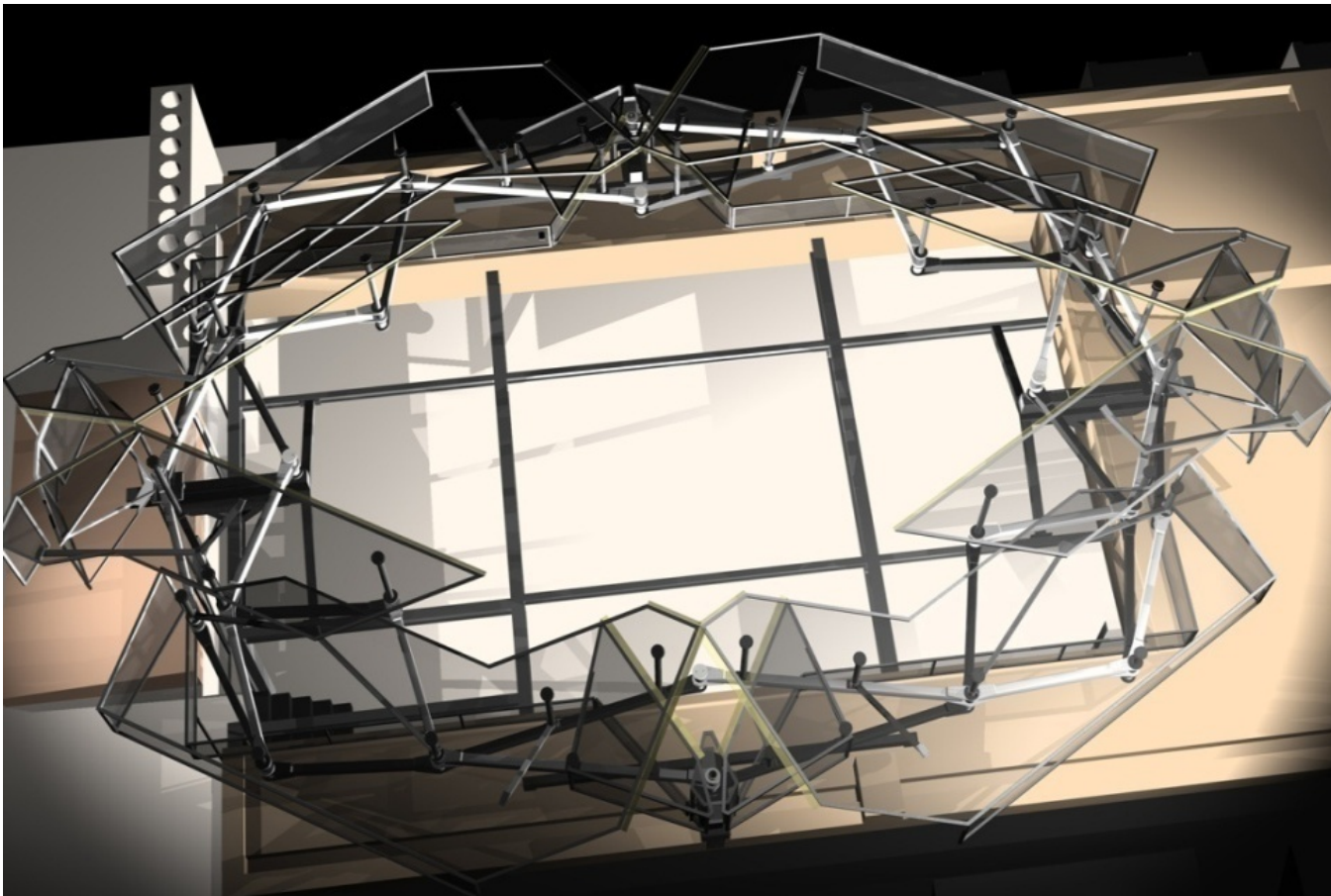
Organisation: Century Club London

Type: Architectural systems design

Date/Place: 2002, London

Field: Architectural systems, mechanical design, detail design, project management.

Clockwise from top left: Front view of roof system, top view showing oval shaped deployable structure and roof panels, roof closed, roof fully open.



Title: Lightfold sheet metal uplighter

Organisation: 'Interior Inspirations' competition by Blueprint Magazine and British Steel

Type: Design award, 1st Prize

Date/Place: 2002, London

Field: Light design, product design..

Bellow: Lightfold uplighter constructed from a single sheet of sheet metal laser cut and folded.



Title: Multiplicity Steet Light

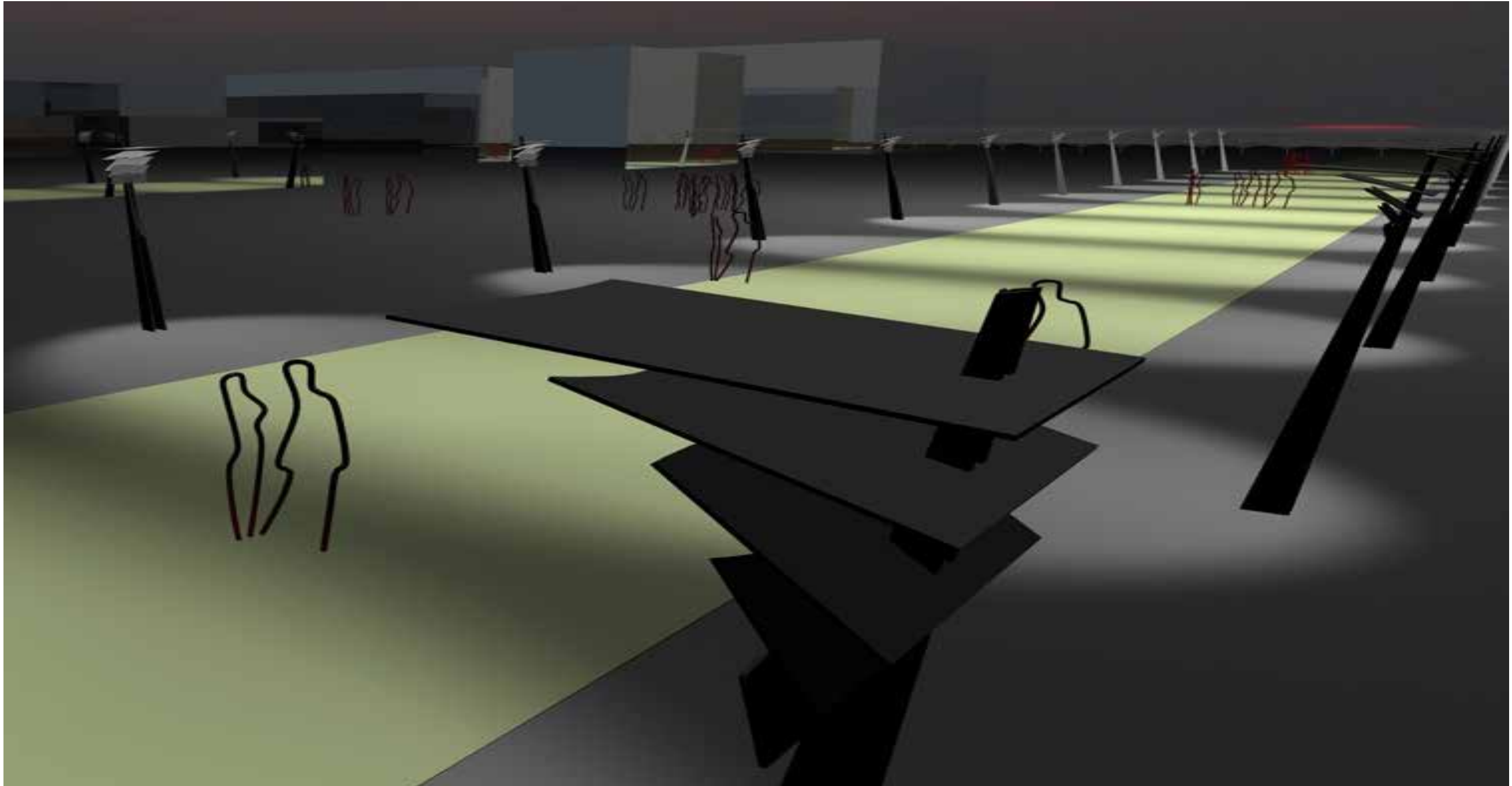
Organisation: Incheon International Design Competition [Korea]

Type: Design award, Selected Work

Date/Place: 2005, London

Field: Light design, public space design

Bellow: Multiplicity street light with indirect lighting and formal qualities inspired by traditional east Asian sail boats.



Title: At home versatile mobile workstation

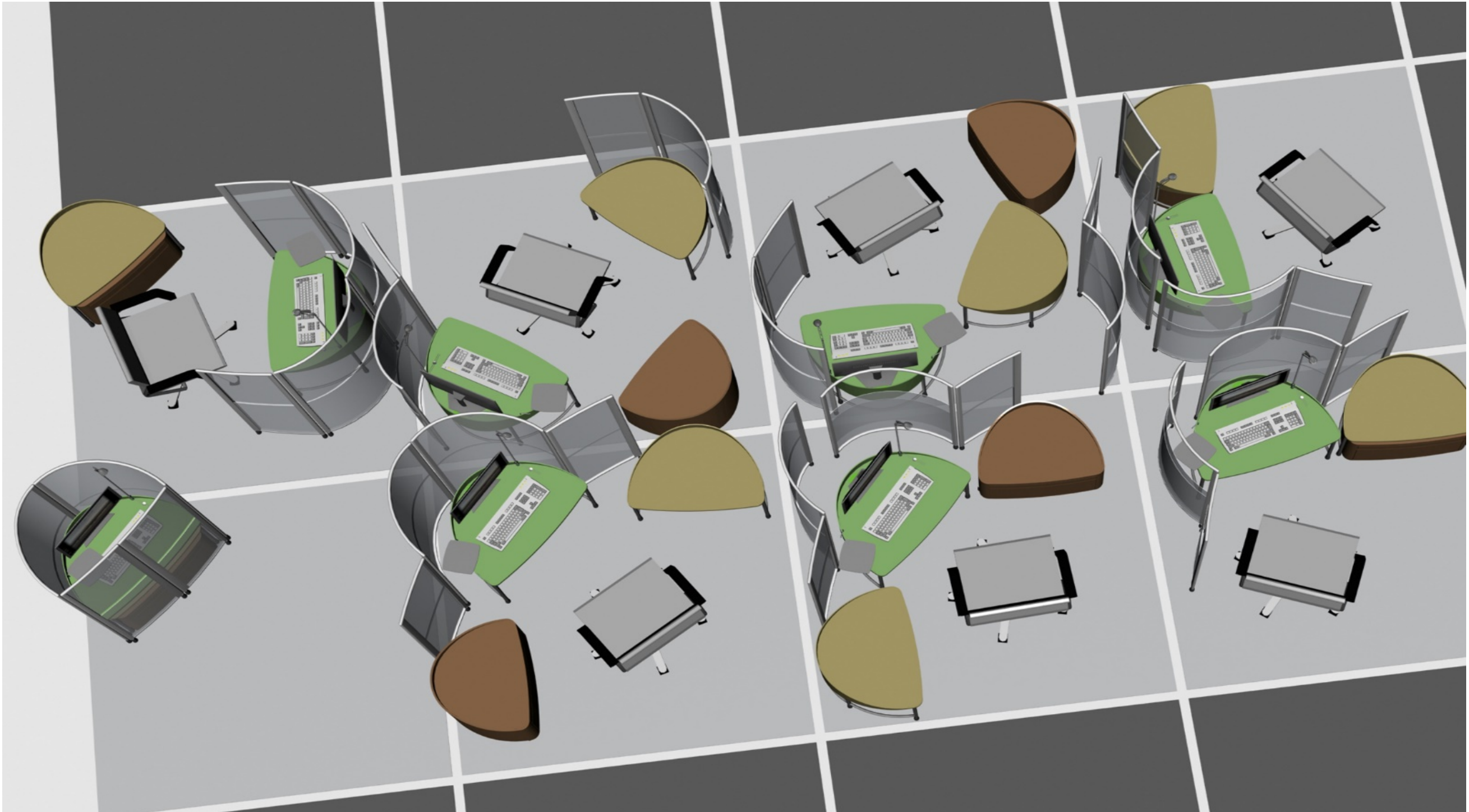
Organisation: 'Me at Work' competition by Blueprint Magazine and Teknion

Type: Design award, distinction

Date/Place: 2003, London

Field: Office furniture design, preliminary design, ergonomics..

Bellow: At home workstation system including versatile screen, system of table and storage compartments in different configurations..



Title: Antithesis office furniture system

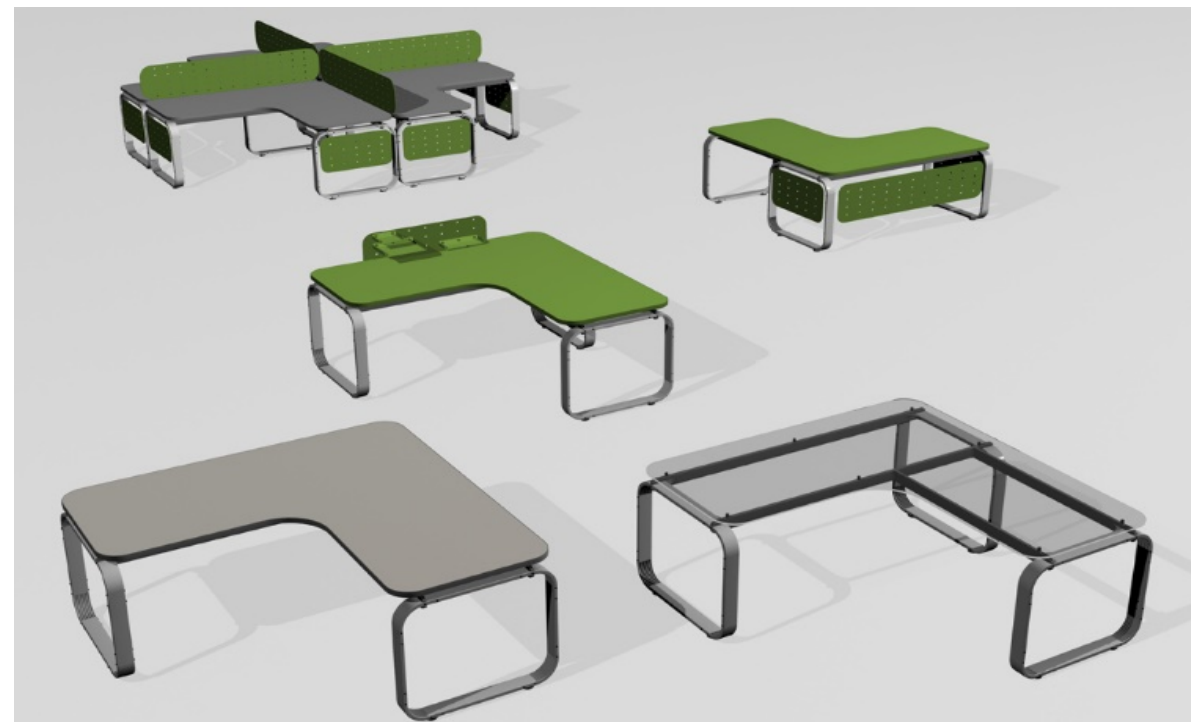
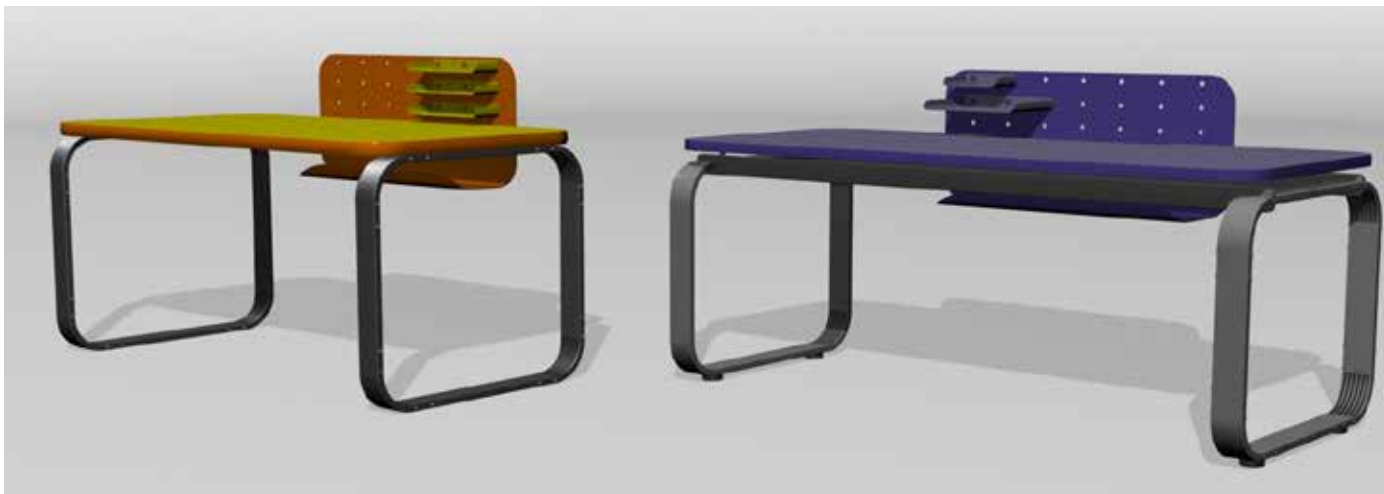
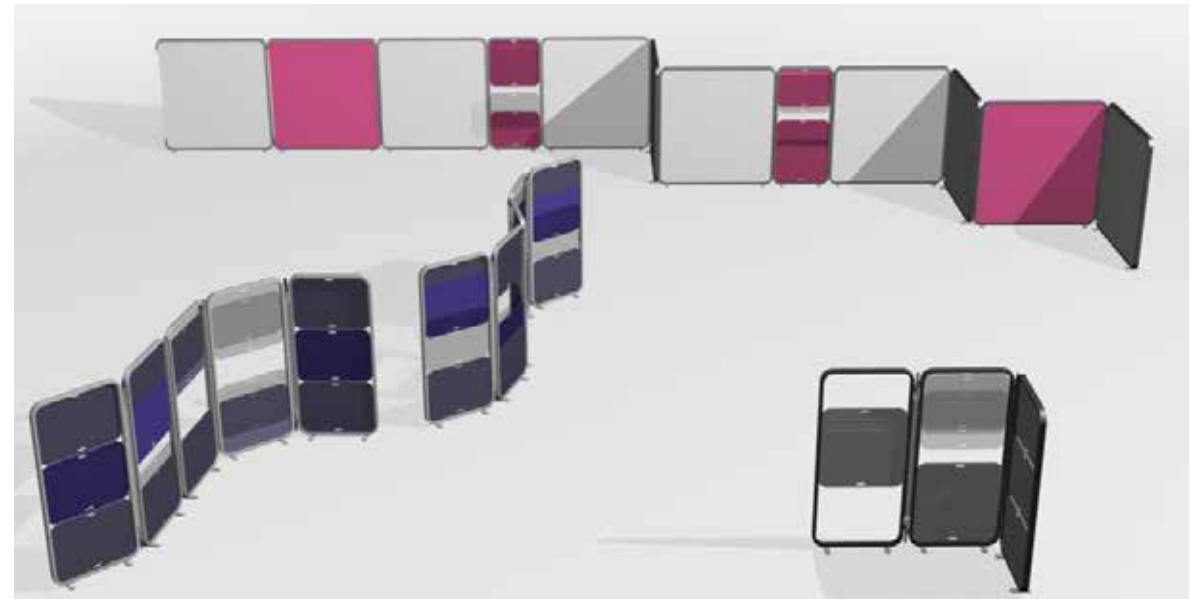
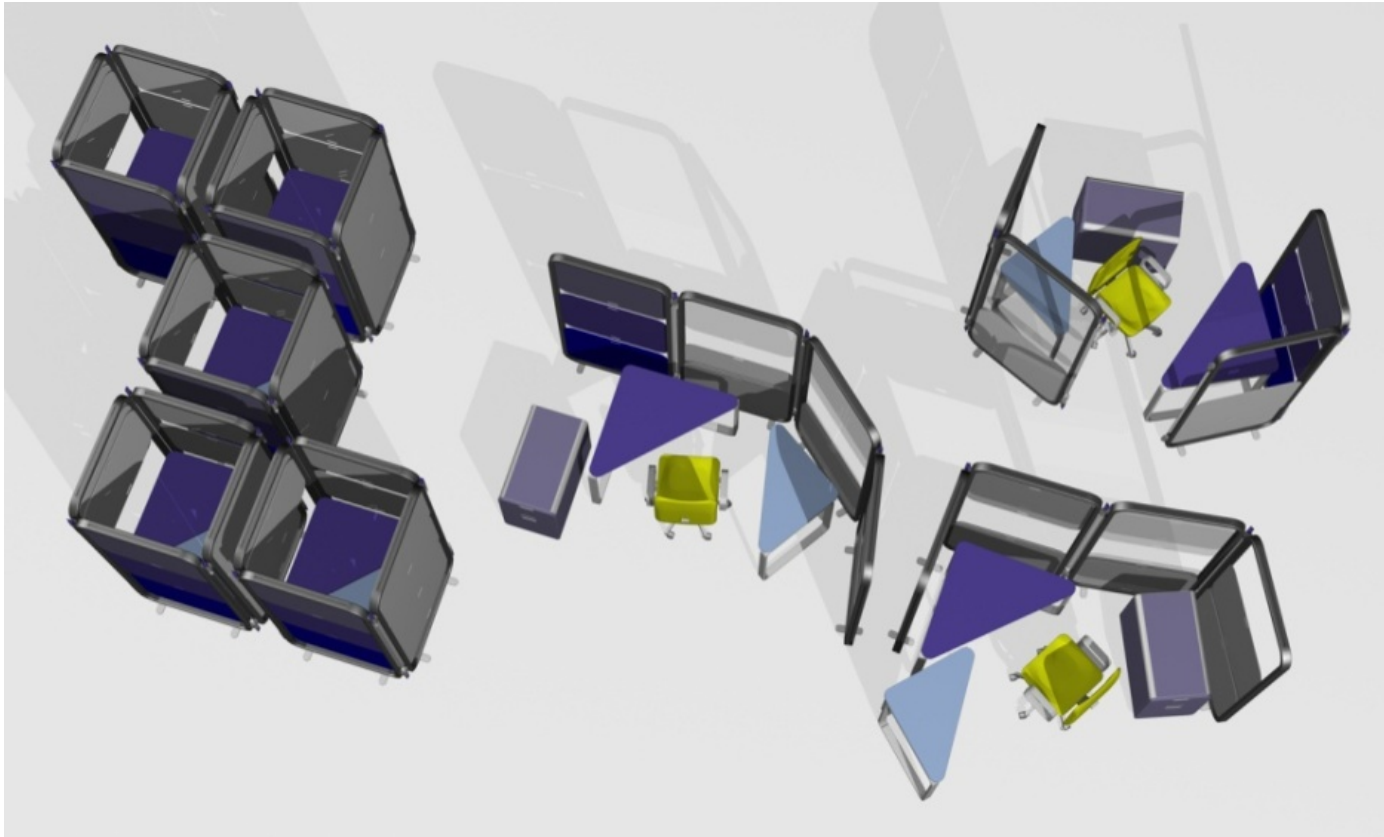
Organisation: Dromeas 3rd International Industrial Design Competition

Type: Design award, distinction

Date/Place: 2006, Athens

Field: Office furniture design, preliminary design, ergonomics..

Clockwise from top left: Mobile workstation system including versatile screen, system of tables and storage compartments in different configurations, modular screen system, desk system, single desk/



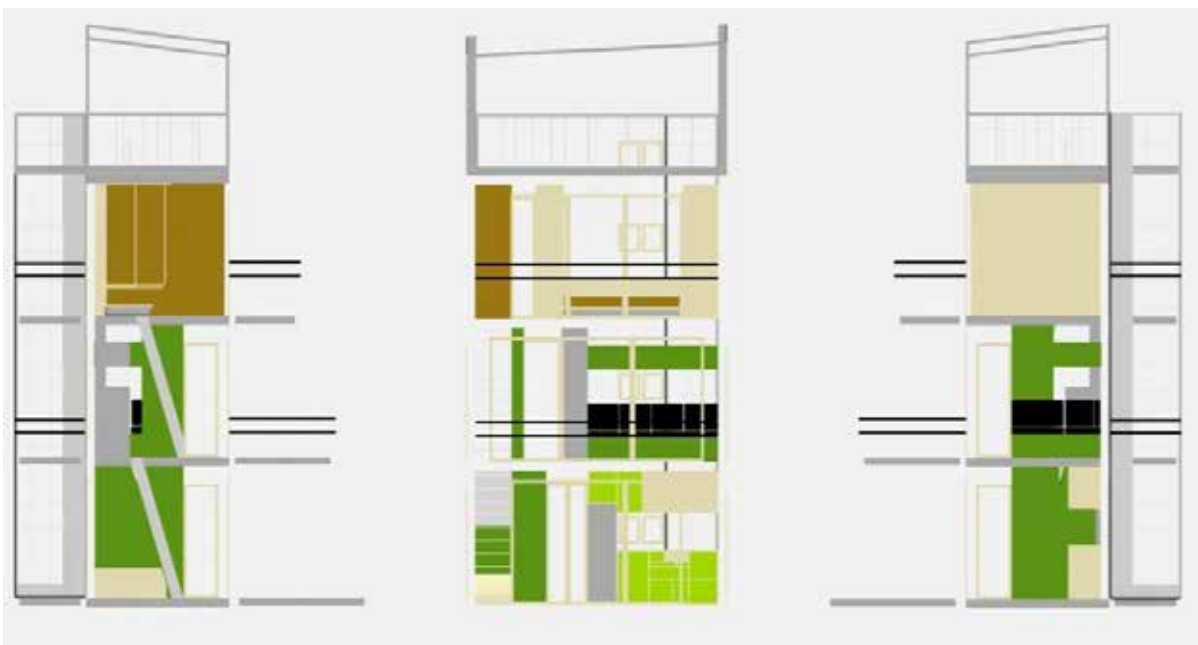
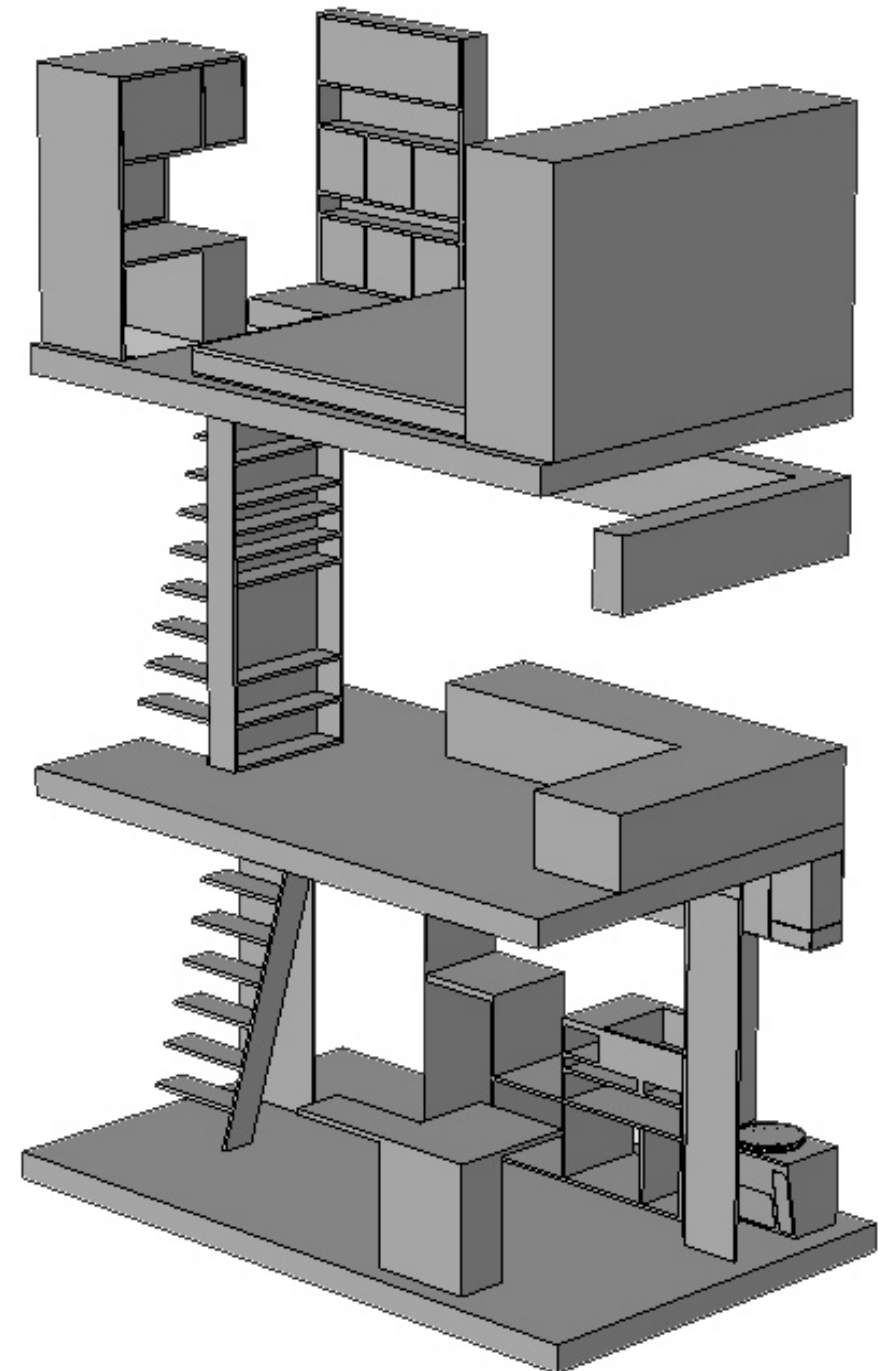
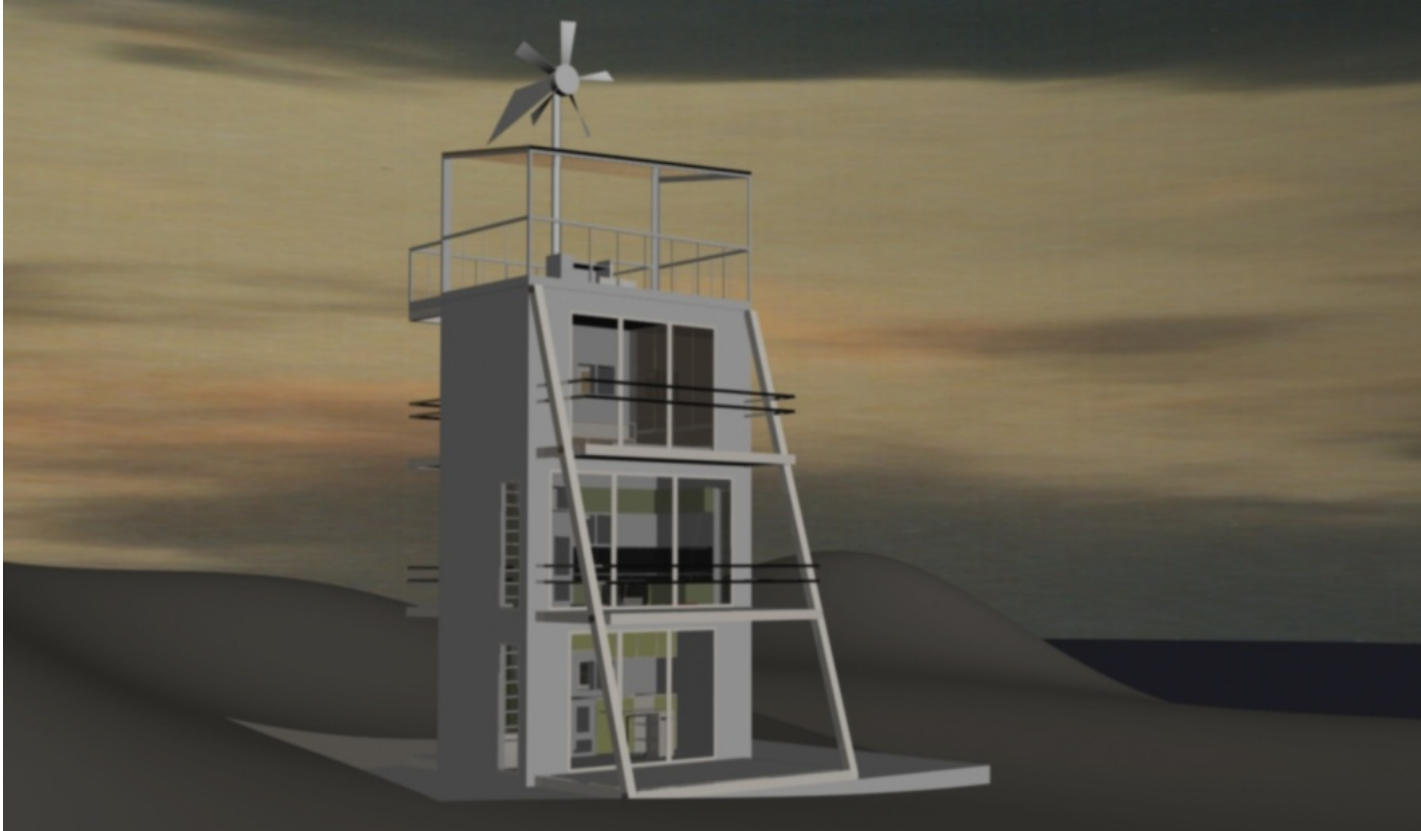
Title: Lovenest prefabricated country home

Organisation: Edilportale architecture design awards

Type: Design award, short listed

Date/Place: 2006, Athens

Field: Architecture, product design, interior design



Title: Eight, low consumption light from reused water bottles and copper plumbing components.

Organisation: “Re-design, Re_use, Re_cycle” product design exhibition, Green Design Festival

Type: Light design

Date/Place: 2008, Athens

Field: Light design, upcycling.



Title: Miscellaneous Light Installations

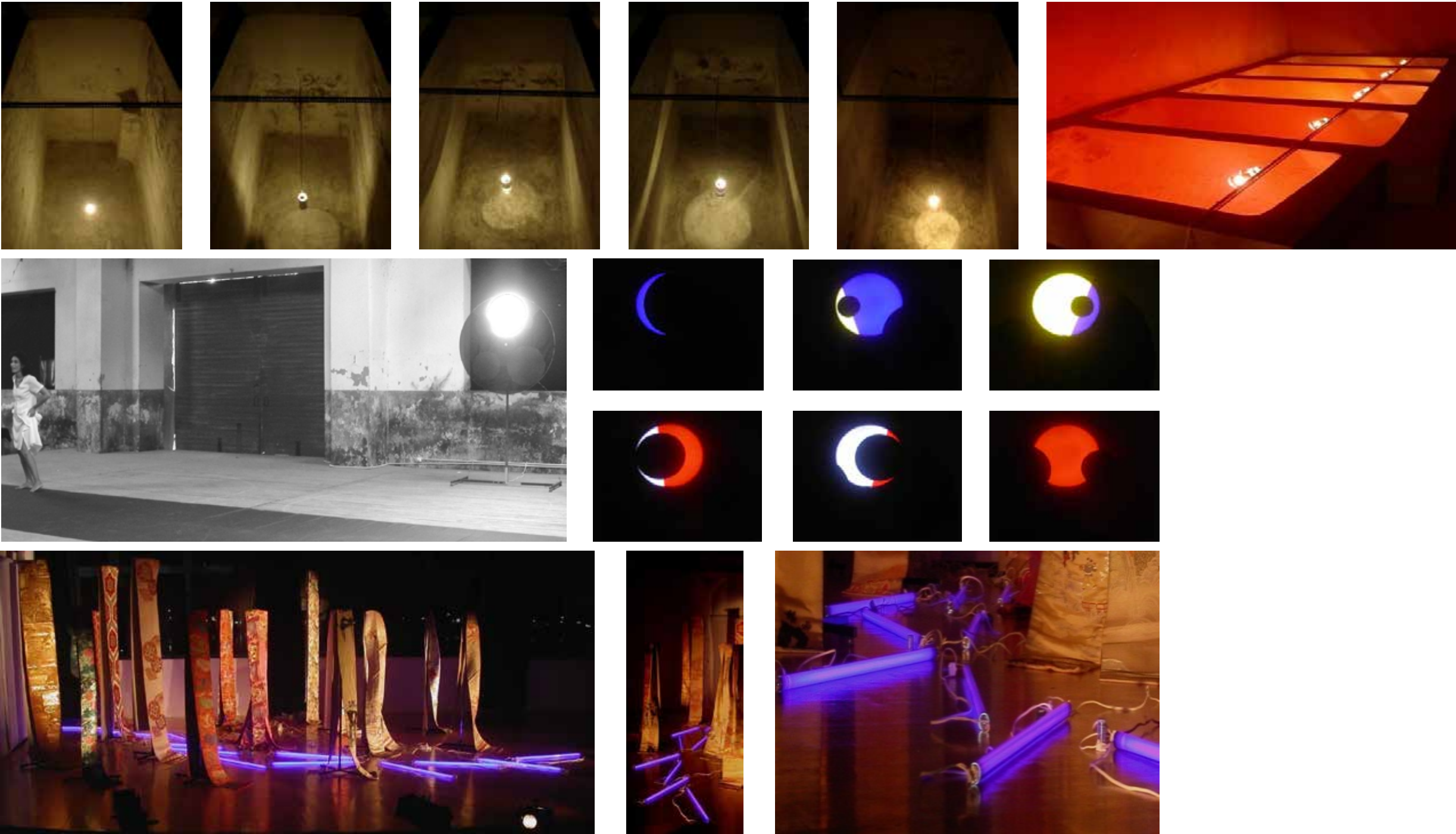
Organisation: Eugene Scourboutis

Type: Lighting design, art

Date/Place: 1997-2000, Athens, London

Field: Lighting design, installation art, theatre.

Top row: Photokinesis, light installation, ‘Space Intrigues’ Exhibition, 7th Summer Academy of National Theatre of Greece, Industrial Museum of Syros, 2006. Study of reflection (left), study of colour (right). **Middle row:** Proserpina, light installation, ‘Proserpina by Goethe’ event, Kathodos, 2nd Meeting of Ancient Drama, Sikyon, 2006. **Bottom row:** Utopian Landscapes, installation in collaboration with Damianos Zarifis and Vouvoula Skoura, 8th Summer Academy of the National Theatre of Greece, Artiria, Lefkas, 2007



Title: Miscellaneous Design and Make Projects

Organisation: Eugene Scourboutis

Type: Experimental design

Date/Place: 1997-2000, Athens, London

Field: Experimental design, material led design, found objects, lighting, craft and design.

Clockwise from top left: Photokinesis v4-Variable Reflector Uplighter 2000, Shipwreck, candle holder from reclaimed steel and wood 1997, Marble, light from marble and sea urchin shell, 2000, Plumber's Lamp, candle holder from copper tube and cannabis fibers 1997, 2 is a Company 3 is a Crowd' [x2] candleholder system from wood 2000, I-lamp [x2], floor light from steel 2000, Memory, side table from wood and glass, 2000



Title: Miscellaneous Preliminary Designs

Organisation: Eugene Scourboutis

Type: Experimental design

Date/Place: 2005-2007, Athens, London

Field: Product design, furniture design, preliminary design, CAD.

Clockwise from top left: Ima, wooden armchair, 2006, Duo, double sided sunglasses, 2005, Pressed, sheet metal radiator, 2006, Lungo, double espresso cup, 2006, Bifuhi, plywood armchair, 2005, Waterspace, water fountain, 2006, Athens bench, multifunctional, modular bench system, 2006.

