



ANNUAL REPORT **2016**



IMPRESSUM

Publisher: Society for Sustainable Development Design

For publisher: dr.sc. Maja Božičević Vrhovčak

Translation: Natko Omero

Proofreading: Ana Šperkov

Design and layout: ACT Printlab

Frequency of publication: annual

Published in 2017

ISSN 2459-9220



DOOR is a beneficiary of institutional support of the National Foundation for Civil Society Development with the purpose of stabilisation and/or organisational development of CSOs.

CONTENTS

5 — PREFACE

7 — INTRODUCTION

9 — CONDUCTED ACTIVITIES

11 — I. CLIMATE CHANGE MITIGATION

22 — II. ALLEVIATING ENERGY POVERTY

31 — III. ORGANIZATIONAL DEVELOPMENT

34 — INTERNAL STRUCTURE AND FINANCES

36 — HOW TO JOIN US

PREFACE

Dear members, associates and friends,

here is our 2016 annual report, which we hope you will read with interest.

As in previous years, we continued to organize public events, conduct research, publish brochures and take part in all segments of public policies related to energy, climate and environment. Our greatest achievement in 2016 in the program area of Climate change mitigation was organizing the “Little school of sustainable energy” whose participants learned the basics of sustainable energy and were introduced to the technical, institutional, environmental and social context in which European and Croatian energy sectors develop; we initiated the founding of a multisectoral work group dealing with natural resources management in the City of Velika Gorica; we conducted a cost-benefit analysis of the new Plomin Power Plant block investment following the methodology prescribed by the European Commission, and presented the results to the interested public.

In the program area of Alleviating energy poverty, our most important accomplishments were the recommendations for alleviating energy poverty in the Sisak-Moslavina County, Croatia and the EU, as well as two reports about energy poverty: Energy Poverty in Croatia and Energy Poverty in Southeast Europe.

Recommendations were delivered to all relevant stakeholders in Croatia and the EU, while our recommendations for the establishment of energy advising of energy-poor citizens were adopted in the Social Services Development Plan for the Sisak-Moslavina County for the period from 2015 to 2020. We organized a conference on energy poverty in Southeast Europe in the European Parliament, a round table on energy poverty at the Ministry of Social Policy and Youth of the Republic of Croatia, and we presented our report on energy poverty in Southeast Europe during the Parliamentary Plenum meeting of the Energy Community at the Parliament of Bosnia and Herzegovina.

Our volunteers invested 675 hours of their time into DOOR's activities and thereby significantly supported our work. The most active volunteers were awarded activity acknowledgments at the General Assembly's meeting at the end of the year.

We continued to participate in various networks of civil society organizations and joined some new ones as well. We also continued our work in public policies task forces and work groups relevant in the areas of energy, environment and sustainable development.

We hope that this short overview of our activities will encourage you to read the whole annual report, to continue to follow and support our activities and to actively join them as well!


Yours sincerely,

Maja Božičević Vrhovčak and Dražen Jakšić






INTRODUCTION



DOOR is a civil society organization established in 2003, with the mission to promote sustainable development principles in all segments of society, on a local, national and international level, primarily in the field of energy. To fulfil its mission, DOOR advocates environmental protection, social justice, democracy and economic sustainability.

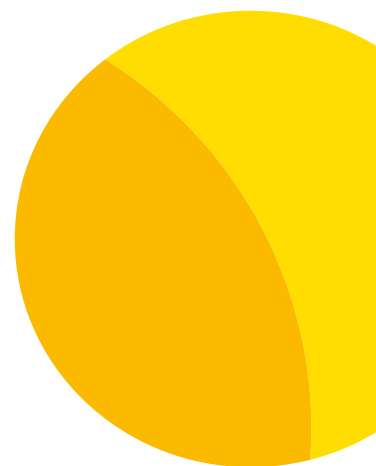
Since energy plays an important role in the socio-economic development and the reduction of poverty, our vision is a society competent in the field of sustainable energy, whereby the public participates in the development of public policies, monitoring and evaluation.

DOOR is a member of the following national networks and platforms: the Green Forum, the Croatian Rural Development Network, the Croatian Euro-Mediterranean Cooperation Network, the Forum for Equality and the GOOD Initiative which advocates the introduction of a complete and high-quality human rights and democratic citizenship education into the school system. On the international plane, DOOR is a member of the European Environmental Citizens' Organisation for Standardisation, Energy Access Practitioner Network, which is a part of the UN's Sustainable Energy for All initiative. In 2016 DOOR became a member of Connect4Climate, the global network of organizations for communication about climate change.



The representatives of DOOR continued their work in the Multisectoral Committee for Climate Change Mitigation and Adaptation, the Green Procurement Committee, the Operational Programme "Competitiveness and Cohesion 2014-2020" Monitoring Committee and in the Operational Programme "Environmental Protection 2007-2013" Monitoring Committee. DOOR also participates in the Evaluation Board of the Operational Programme "Effective Human Resources 2014-2020," as well as in the work groups which monitor the implementation of several international projects taking place in Croatia.

DOOR continued work in its strategic areas – climate change mitigation, alleviating energy poverty and organizational development – and this report will be divided into those respective chapters. In addition to that, DOOR's internal structure, the 2016 financial report and the membership application procedure are also shown in the report.



CONDUCTED ACTIVITIES

I. Climate change mitigation

II. Alleviating energy poverty

III. Organizational development

I

CLIMATE CHANGE
MITIGATION

Climate change is one of the greatest challenges today. The Paris Agreement defines that the global temperature increase should be limited to the maximum of 2°C, preferably to 1.5°C. Energy production and consumption are among the most important human impacts on climate. Therefore, reduced consumption and sustainable production of energy must be achieved.

To make that possible, cooperation is necessary, and so is bringing together different perspectives and knowledges with the mutual goal of greenhouse gas emissions reduction. None of the scenarios which include nothing but the technical and technological measures is sustainable or sufficient, but a change in lifestyle is a necessary element of reaching the goal. By dedicating ourselves to this aspect, we want to start a constructive discussion on sustainable policies, applicable measures and mutual responsibility. We try to achieve that by taking part in public policy processes, especially by participating in the Low-Carbon Development Strategy and in policies related to energy, renewable energy sources and energy efficiency, as well as by educating the public and helping citizens reduce their own greenhouse gas emissions.



Advocating and Fostering of Effective, Transparent and Inclusive Public Policies of Low-Carbon Development

Effective public policies are a necessary prerequisite for positive changes. Citizens' participation in the early phases of proposing and developing policies enables their transparent and sustainable conduction.

South East Europe: The EU Road or the Road to Nowhere?
Report in English, PDF

Publications



We published a brochure **“South East Europe: The EU Road or the Road to Nowhere?”** with the goal of making the results of the developed low-carbon model known to the public. Author Barney Jeffries based his publication on the technical report DOOR had contributed to with its research, data and modelling for Croatia and with the translation of the documents.



Analysis of the cost-effectiveness of investing into the new Plomin power plant block
Analysis, PDF
(in Croatian only)

Following the methodology given by the European Commission, we carried out the **analysis of the cost-effectiveness of investing into the new Plomin power plant block** from the investor's perspective, as well as from that of the whole society. The analysis showed that the project is basically cost-effective for the investor, but also prone to risks which can easily make it cost-ineffective. The identified key risks were the increase of the plant's operation costs and of the CO₂ emission permits price, construction delays and construction cost increase. Along with the cost-benefit analysis for the investor, the cost-benefit for society as a whole was also investigated by adding financial value to the increase of the electric power supply safety and environmental pollution. The results showed that the project brings more damage than benefits to society and abandoning the project was recommended.



South East Europe
Sustainable Energy
Policy



City of Zagreb

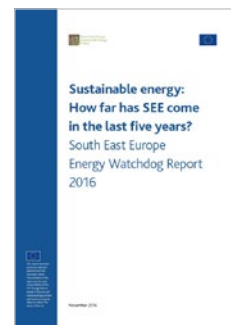


COMPASS Context Analysis –
Sustainable Site Conversion
Analysis, PDF



Video about
field trip to Bologna
(in Croatian only)

**Sustainable Energy: How far has
SEE come in the last five years?**
Report in English, PDF



Modelling and Research

We published new insights about the progress of Southeast European countries when it comes to energy and climate related issues in cooperation with our partners. The data reveal that there is a different pace of progress in the region and that Croatia is in the leading position but far behind realizing its potential.

In cooperation with the Department of Sociology of the Centre for Croatian Studies in Zagreb we carried out a research on the attitudes of about 500 students of different engineering fields towards climate changes. The results and analysis will be published in 2017.

We made an analysis of the sustainable recovery and site conversion of abandoned and neglected urban spaces. The analysis encompasses the challenges and needs in the sector, the existing educational programs and the needs for further education in every of the partner countries (Croatia, Italy, Germany, Bulgaria, Romania).

Field Trips

The representatives of DOOR, the City of Velika Gorica, the Association of Cities and ODRAZ conducted a field trip to Bologna, Italy. During our two-day trip we experienced the models of participative management of natural resources first-hand. We visited several city parks managed and maintained by the citizens with the City's support. Civil society organizations in Bologna can pitch their innovative models of public space management to the City –decorating of neglected spaces, building education centres and carrying out various activities in the interest of the local community. In return, they have to maintain the allotted space, clean it and make it safe and accessible to the public. The forms of cooperation we saw are examples of good practice which will be useful for our project.





(in Croatian only)

Citizen Participation

We took part in founding the **work group for improving natural resource management in the City of Velika Gorica (in Croatian only)**. The work group consists of the representatives of the City of Velika Gorica and the interested public. The group's goal is to ensure the participative creation and application of local policies as well as a transparent and inclusive management of the local natural resources.

We held a **lecture** on the models of participative natural resource management in Velika Gorica in cooperation with the City of Velika Gorica, the associations ZMAG and ODRAZ and the Association of Cities. The representatives of the City's offices and companies, associations and the interested public took part in the lecture.



Encouraging Citizens to Reduce Their Carbon Footprint

By publishing brochures and organizing public events we encourage citizens to reduce their carbon footprint. We teach them what they actually do to contribute to greenhouse gas emissions, how to reduce this and how individual choices affect energy consumption and carbon dioxide emission.

Education of Adults

In 2016 we organized the “**Little School of Sustainable Energy**” whose goal was to teach the participants about the basics of sustainable energy and the technical, institutional, environmental and social context of the development of the European and Croatian energy sectors. Among other things, the school encompassed topics related to climate changes and energy as well as topics from other strategic areas. 15 DOOR volunteers attended the school and the lectures were held by our employees and members.



City of Zagreb





We investigated the citizens' attitudes towards **energy transition** and discovered that the situation concerning the general knowledge of and participation in energy transition is more or less equal in all partner countries (Croatia, France, Belgium, Germany, Hungary and Italy) regardless of the economic situation and energy system development. On the basis of this research we defined a pedagogical program and started creating two tools for educating citizens about energy transition. The finalization and publication of the tools are expected in 2017. We develop our materials in an international team with our partners whereby each organization contributes with its specific knowledge and skills.



In cooperation with the organization Eko regija from Velika Gorica, the City of Velika Gorica and the Velika Gorica City Housing Services, we taught the interested public about the advantages of co-funding opportunities and residential building energy renewal.



We developed the first draft of the curriculum for training advisors for **the sustainable recovery and site conversion of abandoned and neglected urban spaces**. We started an online course whose enrollees can acquire new knowledge and experience in the multidisciplinary approach to these topics. The course is held in five European countries and includes field lectures. The final curriculum will be based on the feedback we got from the course's participants.



Five short films were made about good practice examples of the sustainable recovery and site conversion of abandoned and neglected urban spaces from five project countries – Croatia, Italy, Bulgaria, Romania and Germany. The films are available on the [COMPASS project's YouTube channel](#).



As part of the regional civil society organizations team and with the help of international experts, DOOR published the **SEE 2050 Energy Model** in the form of an online video game. The game is available on the Internet and allows the player to choose the energy future they want. By creating their own version of the future of energy, everyone who tests the model will be able to see the options of the Southeast European energy development. The new energy model shows that an economical energy system based on renewable sources is possible in Southeast Europe and that the countries in this region can have a cleaner, more just and more efficient energy system.

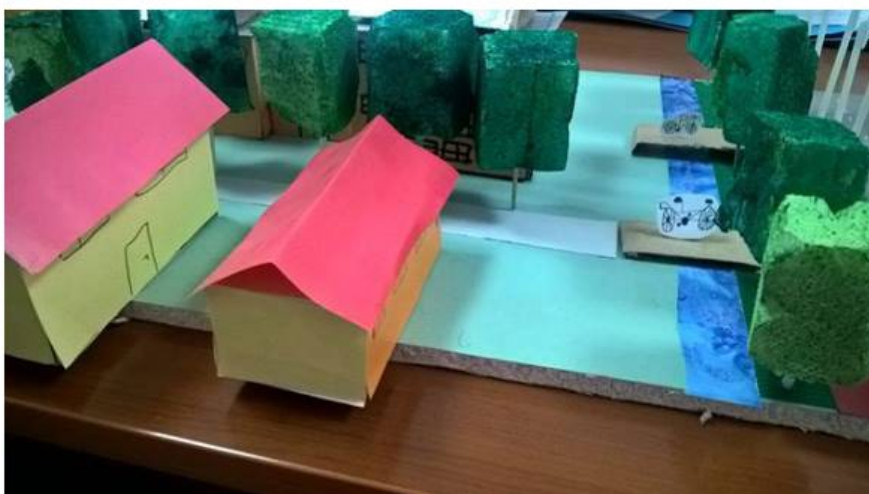
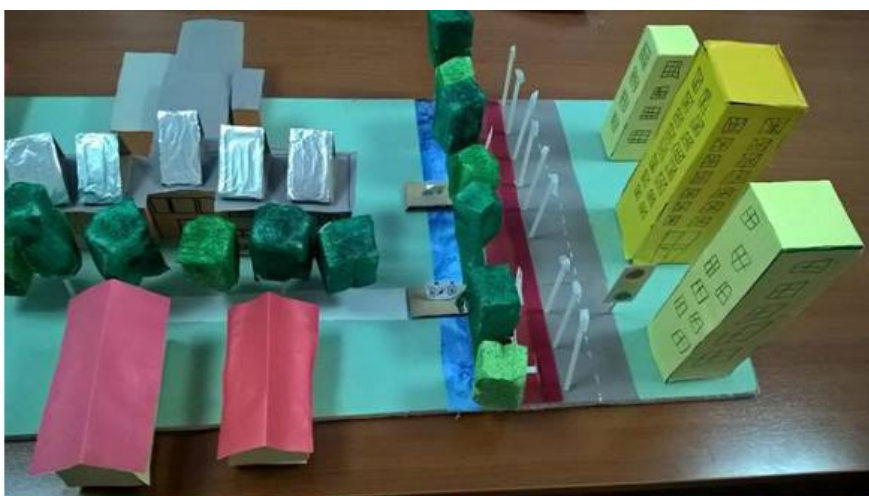




City of Zagreb

Education of the Youngest

To make elementary school pupils in Zagreb more aware of sustainable energy and climate changes, we organized an art contest called **“Throw out an idea for a better atmosphere!”**. 15 schools, 50 classes and 940 pupils took part. They sent us 77 artworks with the support of 44 mentors. The students of class **3b of the Luka Elementary School from Sesvete** won first place for **“The Model of Our Eco-School”** created with the help of their mentor, Barbara Jajčanin.



A **workshop on renewable energy sources, energy saving, energy efficiency and climate change (in Croatian only)** was held for the awarded students. They showed an interest in these topics and surprised us with their prior knowledge on the subject. A workshop about climate changes sustainable energy, methods and tools for teaching students about these topics has been held for the teachers.



We organized children's workshops for the Earth Day with the support of the **Velika Gorica Public University** and the City of Velika Gorica. The children could watch cartoons about sustainable development and environment protection as well as take part in an eco-workshop.



II

ALLEVIATING ENERGY POVERTY

Energy poverty is one of the key issues of our age. Due to the constant increase of energy prices, an ever-growing number of households faces problems when paying their energy bills. Energy-poor households are those which cannot afford an adequate level of basic energy services – heating, cooling, cooking, washing and lighting.

We want to contribute to a better future and, eventually, to the elimination of energy poverty by taking part in many activities – from field work and direct help using simple measures of energy efficiency and education on rational energy use, to the highest level which includes creating energy and social policies.



Visibility of Energy Poverty in Public Spaces and Public Policies

Croatia, like other EU members, has the obligation to take measures which contribute to alleviating energy poverty. To ensure that, the member states must define who the vulnerable energy consumers are and establish the mechanisms to protect them. The measures which help them should primarily be focused on improving energy efficiency, which will ensure an increase in housing quality and the reduction of energy losses.

In order to ensure adequate development and the measures to protect the vulnerable consumers, it is necessary to educate the public and the decision-makers and to enable inclusive creation and development of public policies.

Inclusive Creation of Public Policies

In cooperation with the Ministry of Social Policy and Youth of the Republic of Croatia, we organized the [second round table on energy poverty in Croatia \(in Croatian only\)](#). The event was held at the Ministry and gathered about thirty key participants – the representatives of various ministries, state agencies, scientific institutions, non-government organizations and independent experts.

Thanks to the [research conducted in the Sisak-Moslavina County \(in Croatian only\)](#), the first draft of the measure proposal against energy poverty in Croatia was presented to the participants.

During the three multisectoral meetings about energy poverty in the Sisak-Moslavina County we developed a set of recommendations and proposed their integration into the social and energy policies of different Croatian counties.





We are especially proud to say that energy poverty was integrated into the Sisak-Moslavina County's social policies, in cooperation with our partners, Youth Association "New World" Luščani, the City of Petrinja and the county's representatives. Energy poverty was integrated into the county's Social Services Development Plan for the period from 2015 to 2020.

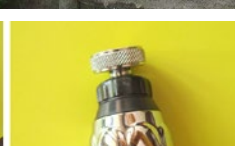


We held a conference entitled **“Energy Poverty in the Southeast Europe”** at the European Parliament in Brussels, along with our partners from Bulgaria (EAP), Macedonia (MACEF) and Slovenia (Focus), and with the support of Mr Davor Škrlec, MEP. The conference gathered over 60 representatives of institutions and organizations that deal with energy and social issues – MEPs, scientists, energy poverty experts and representatives of civil society organizations. The conference’s goal was to raise awareness among key EU-level stakeholders of the specific problems related to energy poverty in Southeast Europe.





We made a report **“Energy Poverty in Croatia” (in Croatian only)** which includes the results of the first research on energy poverty in Croatia conducted by DOOR in the Sisak-Moslavina County. The report also contains a detailed analysis of Croatian legislation concerning energy poverty, the recommendations for its possible improvement and the suggestions for the first steps required to alleviate energy poverty.





Raising Public Awareness

We held a two-day workshop on energy poverty for journalists in Sarajevo, in cooperation with our partners from Albania, Bosnia and Herzegovina, Montenegro, Kosovo, Macedonia and Serbia. The goal of this event was to educate journalists about the topic which is still new in the region. Other than that, we wanted to encourage the media-coverage of our field research conducted in the region and summed up in the report “Energy Poverty in Southeast Europe: Surviving the Cold” which would make it available to the wider public. We also presented this report at the Parliamentary Plenum meeting of the Energy Community at the Parliament of Bosnia and Herzegovina in Sarajevo.

In addition, we took part in many TV and radio shows and made two short films in order to bring the issue of [energy poverty](#) closer to the general public and to show how [our visits to energy-poor households](#) look.

Improved Living Standards in Energy-Poor Households

Living in energy poverty means living in inadequate housing conditions, which often results in deteriorating physical and mental health. The citizens affected by this problem rarely have the necessary knowledge and opportunities to improve their living standards or the level of comfort in their homes.

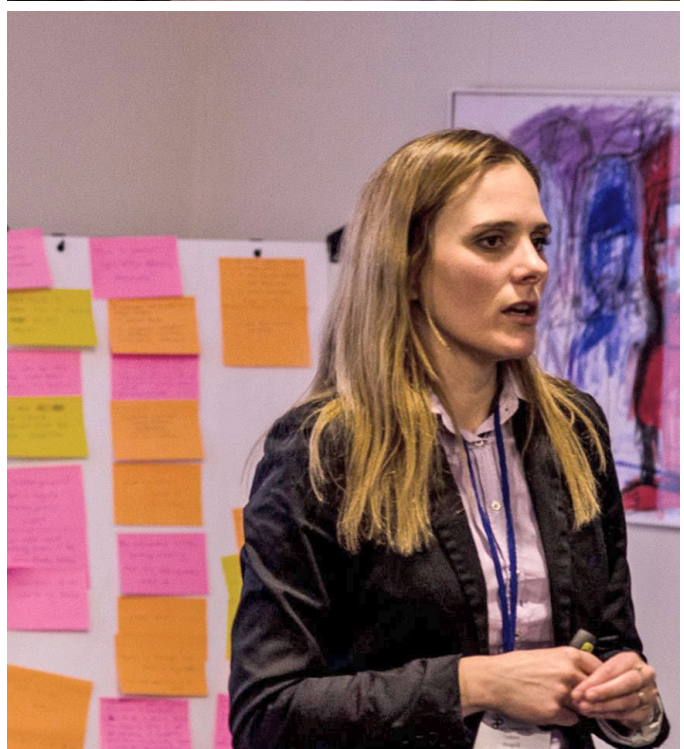
We help them to achieve that and we show them how they can reduce energy consumption and live more comfortably without large expenses, or sometimes even without additional costs.

We visited 80 energy-poor households in cooperation with the Youth Association “New World” Luščani and the City of Petrinja. Our volunteers implemented free or cheap energy efficiency measures, installed the equipment and gave advice to the people they visited. They also conducted a semi-structured evaluation of 15 households in order to check how useful and cost-efficient the measures were. During the second round of visits to energy-poor households our volunteers installed LED lightbulbs, gaskets for windows and doors, reflective foils for radiators and aerators to help people save energy and improve their housing conditions.





We organized a training for energy advisors for our partners from Albania, Bosnia and Herzegovina, Montenegro, Kosovo, Macedonia and Serbia and taught them how to conduct a field research on energy poverty and how to implement simple energy efficiency measures in energy-poor households in their countries. This way we managed to collect enough data to create the report “Energy Poverty in Southeast Europe: Surviving the Cold”.





City of Zagreb

We presented the results of our work concerning energy poverty at a public debate in Sisak entitled **“Social (In)Equality in Croatia: From an International Comparison to the Local Influence on the Lives of the Sisak-Moslavina County Inhabitants”** organized by the Forum for Equality. We also took part in a promotional video for Radionet so as to raise public awareness of energy poverty. All videos are available on the [Forum for Equality's Facebook page](#).

We held a workshop on energy poverty for stakeholders from the City of Zagreb in order to gain practical and field experience and to plan measures which could help the City of Zagreb's households in need. We presented the measures for alleviating energy poverty and our field experience at the workshop and established communication with the employees of the City Office for Social Protection and People with Disabilities. The document **“Recommendations for Alleviating Energy Poverty in the City of Zagreb” (in Croatian only)** was based on these discussions.

Finally, we presented the results of our work concerning energy poverty at the Sustainable Development of Energy, Water and Environment Systems Conference (SDEWES) in Piran, at the Royal Geographical Society's Annual International Conference in London, at the 3rd Energy and Society Conference in Leipzig and at The 12th International Symposium: Power and Process Plants in Rovinj.

III

ORGANIZATIONAL DEVELOPMENT

In 2016, as in previous years, DOOR continued to develop and improve.

We expanded the circle of organizations we cooperate with: we joined the Forum for Equality and established cooperation with organizations mostly dedicated to social issues. We also started an informal cooperation and information exchange with the Human Rights Ombudswoman. Other than that, DOOR joined the Connect4Climate network.

Our website was enhanced visually, technologically and content-wise. Since the end of 2016 we have been delivering a bimonthly DOOR newsletter to almost 1500 addresses. You can subscribe to the newsletter on our **website**.



We held two General Assembly meetings: in April when we elected the Steering Committee members, adopted our work report and the 2015 financial report, and in December when we adopted the 2017 work and financial plan, as well as the changes and additions to the 2016 financial plan.

The Steering Committee met six times in 2016. We also held a meeting of the Steering Committee, our employees and our most active members during which we discussed the challenges of membership management and expansion and created the DOOR Membership Development Strategy based on the discussion.

At the end of 2016, DOOR had seven employees and two interns.

Our volunteers also contribute to our activities significantly. At the Assembly meeting held at the end of the year we gave the most active volunteers in 2016 certificates of appreciation.



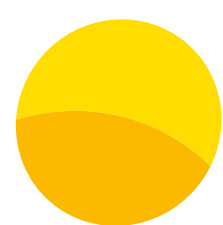
INTERNAL STRUCTURE AND FINANCES

The General Assembly is DOOR's highest body and it consists of all our members. In between Assembly general meetings DOOR is managed by the Steering Committee:

- Dražen Jakšić, the President of the Steering Committee
- Ana Maria Boromisa, PhD
- Maja Božičević Vrhovčak, PhD
- Ivana Rogulj
- Zlatko Zmijarević, M. Sc.

Maja Božičević Vrhovčak, PhD serves as the Executive director.

Along with the executive director, DOOR had six other employees at the end of 2016: program director Slavica Robić, M. Sc. who also manages the program area "Alleviating energy poverty"; financial manager Jelena Lukić, Dipl. Ing.; manager of the program area "Climate change mitigation," Ivana Rogulj, Dipl. Ing.; project manager Petra Andrić, Prof. Soc.; expert associate Daniel Rodik, Dipl. Ing. and office manager Sanja Bogdanić. Alma Traživuk, M. S., an associate on energy efficiency projects, and Ana Šperkov, M. A., an associate for public relations, are on internship program.



The following table shows the structure of incomes and expenses in 2016 and the comparison with 2015.

FINANCES	2015	2016
INCOME, HRK	2,209,626	2,684,255
Services	213,284	229,350
Membership fees	2,925	3,150
Asset based	11,285	538
Donations	1,975,126	2,351,977
Other	7,006	99,240
EXPENDITURES, HRK	2,183,198	2,683,996
Staff expenses	906,861	940,808
Material expenses	1,030,830	463,242
Depreciation costs	18,739	22,313
Finance costs	11,269	13,670
Donations	215,487	1,243,326
Other	12	637
Income surplus	26,428	259
Income deficit	0	0
Income surplus – transferred	0	4,434
Income deficit – transferred	23,009	0
Income surplus available in the future	3,419	4,693
Financial balance at the beginning of the year	312,074	1,357,892
Financial balance at the end of the year	1,357,892	14,965

HOW TO JOIN US

DOOR's members are interested in energy issues and devoted to sustainable development. At the end of 2016 we had 51 members.

Membership at DOOR allows people to connect with the like-minded, to propose ideas for projects and discussion topics, to participate in DOOR's activities and to use DOOR as a platform for expressing one's own opinion which will be publicly supported by DOOR if accepted by the majority of members.

If you want to become a member, fill in the [application form](#) available on our website and deliver it to the [Steering Committee](#) who will consider it on its next meeting. For more information please visit DOOR's webpage or contact us by e-mail, phone or in person.



Society for Sustainable Development Design

Office and headquarters:

Trg kralja Petra Krešimira IV. 2/II, HR - 10 000 Zagreb

tel/fax: +385 (0) 1 4655 441

email: [info\[at\]door.hr](mailto:info@door.hr)

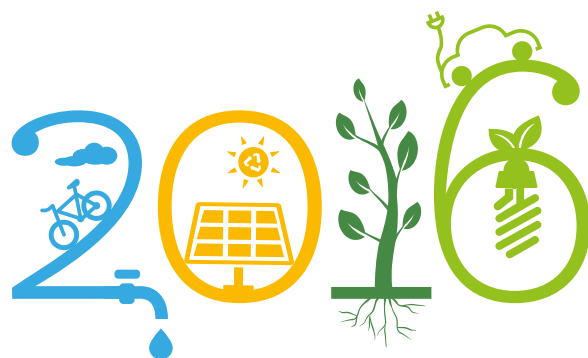
www.door.hr

www.facebook.com/DOOR.hr

www.linkedin.com/company/door.hr

www.twitter.com/door_hr

www.youtube.com/channel/UC3c1huJHh9iGXzSKc-Qa-LA



www.door.hr