











### Danos Group:

SERBIA: BELGRADE

6, Vladimira Popovica Str.
Tel.: +381 - (0)11 260 06 03
Fax: +381 - (0)11 260 15 71
E-mail: office@danos.rs
Web: www.danos.rs

CYPRUS:

NICOSIA 35, I. Hatziosif Av. 2027 Tel.: +357 - 22 31 70 31 Fax: +357 - 22 31 70 11

E-mail: danosa@spidernet.com.cy Web: www.danos.com.cy LIMASSOL

69, Gladstonos Str., 3040 Acropolis Centre (Shop 10) Tel.: +357 - 25 343934

Fax: +357 - 25 343933 E-mail: danosa@cytanet.com.cy Web: www.danos.com.cy

GREECE:

ATHENS

1, Eratosthenous Str. & Vas. Konstantinou, 116 35 Tel.: +30 - 210 7 567 567 Fax: +30 - 210 7 567 267 E-mail: info@danos.gr Web: www.danos.gr

THESSALONIKI

3, Ionos Dragoumi Str., 546 25 Tel.: +30 - 2310 244962-3 Fax: +30 - 2310 224 781 E-mail: info.thes@danos.gr Web: www.danos.gr CRETE

3 Iroon Polytechniou Street, 731 33, Chania Phone: +30 - 2821 O 57040 Fax: +30 - 2821 O 57040 E-mail: info.crete@danos.gr Web: www.danos.gr

ALBANIA: TIRANA

Blvd. Deshmozet e kombit Tel.: +355 - 4 22 80 488 Fax: +355 - 4 22 80 192 E-mail: info@danos.al Web: www.danos.al BULGARIA: SOFIA

28, Blvd. Hristo Botev Str. Tel.: +359 - 2 953 23 14 Fax: +359 - 2 953 23 99 E-mail: info@danos.bg Web: www.danos.bg



Source: Danos RESEARCH

## Introduction

Sustainable design or building "green" is an opportunity to use our resources efficiently while creating healthier buildings. It provides cost savings to all people worldwide, through improved human health and productivity, lower cost building operations, and resource efficiency--and it moves us closer to a sustainable future

Construction industry in Serbia recorded a decrease of its activity for 15% in comparison to the same period last year. In accordance with data from Statistical office of Republic of Serbia, value of completed construction works was lower for 23% than last year.

Bank's loans needed to boost construction industry are still expensive, due to major fiscal risks in Serbia. Therefore investors still hesitate to borrow funds from commercial bank.

CARBON EMISSIONS WATER USE SOLID WASTE **30-50**% 35% 40% 70%

Source: Danos RESEARCH

Why Green?

using their own capital for new developments, which caused lack of bigger commercial and infrastructural projects.

There are 550 Serbian companies registered in this sector with some 20,000 employees. Growth of building materials has followed domestic market growth in construction industry in the past 5 years (sales grew by 32% in 2006 alone), while exports are growing moderately. In Serbia, wages are equal to or lower than those of competitors. Many quality raw materials can be found in Serbia, with the exception of some plastic materials and certain additives, chemical

feedstock and nonferrous metals. The sector is cost competitive in terms of materials, although the high cost of transport for lower value materials is

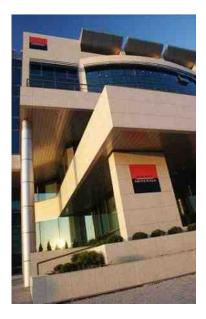
an impediment.

Strategy of construction industry in Serbia is shows that the project's work in this sector will focus on sales and marketing activities, support in strengthening the functions and skills of middle management, and obtaining ne-

cessary certification for the local and international markets including European Norms standardization, CE certificates, and specific export certifications for these target markets. Target sub-sectors include but are not limited to, constructive metal, constructive wood, doors, windows, concrete products, electrical equipment, lighting, and heating systems.

# Green Building Development in Serbia





Picture: interior/exterior of the SoGe Bank asset\*

\*Source: Danos RESEARCH

The current development in most parts of this sector is still in very early stages and shows remarkable under-development in respect to the EU and neighbouring countries. However, it is exactly for this reason that the Government of Serbia, in its path to the EU accession, is taking serious regulatory steps in improving the investment climate and creating the environment for major developments in this sector.

The development of Green building in Serbia is still in its pre-initial stage. Recent announcement is that by the end of 2010 Serbian Green Building Council (SGBC), a not-for-profit organization and a part of the World GBC (operating in 47 countries) will start

with its operations. The SGBC would act as a network for all parties involved in the development of the best sustainable building practices, technologies and design – from architects or materials manufacturers, to financial institutions and academics. One of the goals of this activity is to introduce LEED certificate as a green building standard in Serbia. This certification is expected to widely open the door for architectural and engineering companies.

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Currently, the only LEED certified building in Serbia will be the new American Embassy that is expected to be finished in 2012. This is one of the biggest construction projects in Serbia and has already gained a lot of publicity as one of the most technologically advanced buildings in the country.

There is one more building in Belgrade, Serbia that would in 2011, with administrative support of SGBC ap-

3 Green Buildings in Serbia Danos Serbia

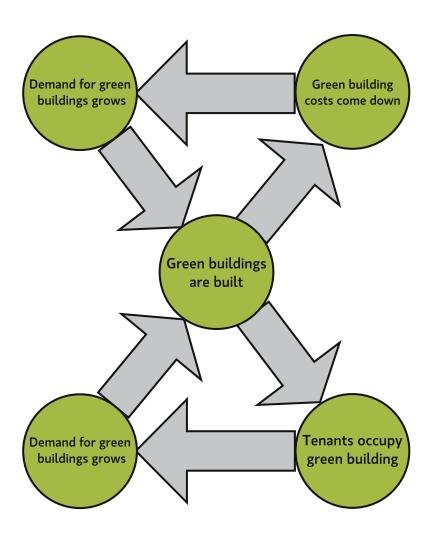
## **CONCLUSION**

ply for LEED certificate to WGBC. That building is headquarter of Societe General bank Serbia, and this building will after some modifications on cost management system and reconstruction work due to energy save, probably receive LEED certificate until 2012.

Currently in very early stage of development, green building developments are expected to offer best sales prospects. The best way to enter the market is to partner with a local engineering company and promote the services through educational work.

Moreover, with the development of knowledge and the revival of Serbian construction industry, there will be a bigger need for architectural and engineering companies with experience in this field.

Having all facts from Market Summary in mind, our firm recommendation is that proactive market expansion in Serbia will be justified by potential of profit achievement and strong brand recognition and market positioning of initial developers for Green building in Serbia.



### Contact:

Jovan Jovanovic Country Manager jovan.jovanovic@danos.rs

BELGRADE, SERBIA
6, Vladimira Popovica Str.
Tel.: +381 - (0)11 260 06 03
Fax: +381 - (0)11 260 15 71
E-mail: office@danos.rs
Web: www.danos.rs

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#### MAIN LOCATIONS

ABU DHABI AI Bateen Area Plot No. 144, W-11 New AI Bateen Municipality Street 32 RO. Box 2742 Abu Dhabi, UAE Tel.: +971-505 573 055 Fax: +971-44 257 817

BAHRAIN Bahrain Financial Harbour West Tower 16th Floor PO. Box 5253 Manama Tel.: +971-505 573 055 Fax: +971-44 257 817

BELGIUM Blue Tower Avenue Louise 326 B14 Louizalaan 1050 Brussels Tel.: +32-2-646 49 49 Fax: +32-2-646 46 50

DUBAI Emaar Square Building No. 1, 7th Floor PO. Box 7233 Dubai, UAE

Tel.: +971-505 573 055 Fax: +971-44 257 817 FRANCE 13 boulevard du Fort de Vaux 75017 Paris Tel.: +33-1-55 65 20 04 Fax: +33-1-55 65 20 00

GERMANY Goetheplatz 4 60311 Frankfurt Tel.: +49-69-2 98 99 0 Fax: +49-69-2 92 91 4

INDIA 403, The Estate 121, Dickenson Road Bangalore - 560042 Tel.: +91-80-40 508 888 Fax: +91-80-40 508 899

IRELAND 40 Fitzwilliam Place Dublin 2 Tel.: +353-1-66 11 233 Fax: +353-1-67 89 981

ITALY Corso Italia, 15/A 20122 Milan Tel.: +39-02-58 33 141 Fax: +39-02-58 33 14 39 JERSEY 4th Flooi: Conway House Conway Street St Helier lersey JE2 3NT Tel.: +44-15 34-62 90 01 Fax: +44-15 34-62 90 11

LUXEMBOURG EBBC, Route de Treves 6 BIOC D 2633 Senningerberg Tel.: +352-34 94 84 Fax: +352-34 94 73

ROMANIA Union International Center 11 Ion Campineanu Street Sector 1 Bucharest 010031 Tel.: +40-21-312 7000 Fax: +40-21-312 7001

SPAIN Maria de Molina, 54 28006 Madrid Tel.: +34-91-454 96 00 Fax: +34-91-454 97 85

UNITED KINGDOM 90 Chancery Lane London WC2A 1EU Tel.: +44-20-7338 4000 Fax: +44-20-7430 2628 ALBANIA\* Danos & Associates Blvd, Deshmoret e Kombit Twin Towers - Building 2 11th Floor Tirana Tel.: +355-4-2280488

AUSTRIA\* Dr Max Huber & Partner Dr Karl-Lueger-Platz 5

Fax: +355-4-2280192

1010 Vienna Tel.: +43-1-513 29 39 0 Fax: +43-1-513 29 39 14

BULGARIA\* Danos & Associates 28, Hristo Botev Boulevard Sofia Tel.: +359-2-9532314

Fax: +359-2-9532399 CANADA\*

Cresa Partners Tel.: +1-617-758 6000 Fax: +1-617-742 0643

CYPRUS\*
Danos & Associates
35, I. Hatziosif Ave
2027, Nicosia
Tel.: +357-22 31 70 31
Fax: +357-22 31 70 11

GREECE\*
Danos & Associates
1, Eratosthenous Str.
11635 Athens
Tel.: +30-210 7 567 567
Fax: +30-210 7 567 267

JAPAN\* RISA Partners 5F Akasaka intercity 1-11-44 Akasaka, Minato-ku 107-0052 Tokyo

Tel.: +81-3-5573 8011 Fax: +81-3-5573 8012

NETHERLANDS\* Holland Realty Partners IJ. Viottastraat 33 1071 IP Amsterdam

Tel.: +31-20-305 97 20 Fax: +31-20-305 97 21

 NORTHERN IRELAND\*
 UKRAII

 Whelan Property Consultants
 Astera

 44 Upper Arthur Street
 2a Kons

 Belfast BT1 4GI
 04071,

 Tel.: +44-28-9044 1000
 Tel.: +3

 Fax: +44-28-9033 2266
 Fax: +3

POLAND\* Brittain Hadley Europa Warsaw Financial Centre 13th floor Emilii Plater 53 OO-113 Warsaw Tel.: +48-22-586 31 OO

Fax: +48-22-586 31 16

RUSSIA\* Astera 10, b\_2 Nikolskaya Str. Moscow, 109012 Tel./Fax: +7-495-925 OO 05

SERBIA\*
Danos & Associates
6, Vladimira Popovica Street
Office A102
11000 Belgrade
Tel.: +381-11-2601 571
Fax: +381-11-2601 571

SLOVAKIA\* Modesta (Dr, Max Huber & Partner Group) Heydukova 12-14 811 08 Bratislava Tel.: +421-2-3240 8888 Fax: +421-2-3214 4777

SWITZERLAND\* Naef Avenue Eugene-Pittard 14-16 Case Postale 30 1211 Geneva 17 Tel.: +41-22 839 39 39 Fax: +41-22 839 38 38

UKRAINE\* S Astera 2a Konstantinovskaya Street 04071, Kiev Tel.: +38-044-501 50 10

USA\* Cresa Partners 200 State Street

Fax: +38-044-501 50 11

200 State Street
13th Floor
Boston Massachusett 02109
Tel.: +1-617-758 6000
Fax: +1-617-742 0643

Falcon Real Estate 570 Lexington Avenue 32nd Floor New York, NY 10022 Tel.: +1-212 271-5445 Fax: +1-212 271-5588

\*Alliance



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