



SCs 110318

International seminar

Sustainable management of stadiums and football pitches

Lipica, 18 March 2011

International seminar was part of educational program "International school of sport and leisure infrastructure management" infrastructure for sport and leisure." The seminar was held on Friday, 18th March 2011, from 9 to 16 hours in Equestrian center Lipica in Slovenia. It was organized by IASLIM – International Association of Sport and Leisure Infrastructure Management, Sport Center Association of Slovenia, College Grm Novo mesto – center of biotechnology and tourism, AB d.o.o. Žirovnica, Zeleni inženiring s.p. Ljubljana and partners: Rain Bird GmbH Germany, Optimax GmbH Germany, Ransomes Jacobsen Ltd United Kingdom, Indigrow Ltd United Kingdom, G&G Hauser, Golf & landscape Austria, Waste2Water Ltd United Kingdom, Symbio Ltd United Kingdom, Football Academy FC Ipswich United Kingdom, Football Federation of Slovenia and Green Consulting d.o.o. Slovenia. Lecturers were from England, Germany, Czech Republic and Slovenia. Participants of the seminar were managers of sport and leisure infrastructure, golf centers, business product managers and students from Slovenia, Germany, Croatia and Serbia. Participants have received seminar materials and technical documents for products and services for maintaining of golf courses. Materials were printed in English and Slovenian language. All lectures were supported by video presentations. Foreign speakers had consecutive translation from English to Slovenian and vice versa. Participants received professional training certificates. During the seminar business meetings were organized, presentations of the companies, promotion of products and services. Business consultancy was presented to the managers of sport centers and professionals, by the companies: SMG Sportplatzmaschinenbau Voehringen, Germany, Rain Bird GmbH Germany, Ransomes Jacobsen Ltd United Kingdom, Indigrow Ltd United Kingdom, BODET – sport scoreboards & timers, Boštjan Pavlič, s.p. Ljubljana, AB d.o.o. Žirovnica, Zeleni inženiring s.p. Ljubljana nad Kosport d.o.o. Ravne na Koroškem.

Lecturers and participants

Lecturers and organizers: **John Smart**, Indigrow Ltd United Kingdom, **Ph.D. Christa Lung**, Optimax GmbH Germany, **Ph.D. Gerhard Lung**, Optimax GmbH Germany, **Rolf Krüger**, Rain Bird Europe, **Tomas Kurdziel**, Rain Bird GmbH, Czech Republic, **Alan Ferguson**, Head Groundsman, Football Academy Fc Ipswich, **Scott Forrest**, Ransomes Jacobsen Ltd United Kingdom, **Simon Andersen**, Ransomes Jacobsen Ltd United Kingdom, **Brane Elsner**, Football Federation of Slovenia, **Uroš Zvonc**, Zeleni inženiring s.p. Slovenia. Students: **Miran Žunkovič**, Public institution for sport Ptuj, **Aleksander Bobeica**, SMG Sportplatzmaschinenbau Voehringen, Germany, **Bratislav Ignjatović**, Sport Center Cair Niš, Serbia, **Dušan Videmšek**, Public Institution ŠRC Tivoli Ljubljana, **Rok Cvelbar**, VVHT Cvelbar Marko s.p., **Franci Jagodic**, Public institution Javni gospodarski zavod Protokolarne storitve Republike Slovenije, **Boštjan Roblek**, Public institution Javni gospodarski zavod Protokolarne storitve Republike Slovenije, **Dražen Vegel**, Public institution for sport Brežice, **Janko Germek**, Center for culture, sport and events

Izola, **Primož Matko**, Grm Novo mesto, **Dejan Brečko**, Zlati grič d.o.o. Slovenske Konjice, **Luka Vukosavljević**, Public institution for sport Brežice, **Andrej Jeriček**, Agency for sport Novo mesto, **Luka Lenartič**, Public institution for sport Ptuj, **Marjan Štivec**, Public institution for sport Slovenska Bistrica, **Branko Florjanič**, Public institution for sport Koper, **Mavro Vatovec**, Public institution for sport Koper, **Bojan Plavšič**, Public institution for sport Slovenska Bistrica, **Janez Maršič**, Public institution for sport Kočevje, **Uroš Pintar**, Public institution for sport Ajdoviščina, **Mitja Pustišek**, School Podčetrtek, **Boštjan Pavlič**, Boštjan Pavlič s.p. Ljubljana, **Martin Novak**, KTRC Radeče, **Branko Fartek**, Public institution for sport Kranj, **Boris Požar**, Center for culture, sport and events Izola, **Denis Fakin**, Public institution Sport and Youth center Piran, **Bojan Žerovec**, Infrastruktura d.o.o. Bled, **Dany Bera**, Sport Association Branik Maribor, **Samo Pinter**, Public institution for sport Slovenske Konjice, **Dušan Vučko**, Public institution for sport Koper, **Andrej Zorc**, Public institution for sport Slovenske Konjice, **Sonja Kreslin**, Public institution for tourism and sport Radenci, **Mag. Janez Zupančič**, Public institution for sport and recreation Domžale, **Boris Dolenc**, Public institution for sport Koper, **Andrej Bohinc**, Public institution Javni gospodarski zavod Protokolarne storitve Republike Slovenije **Dejan Pokorny**, Public institution for sport Koper, **Dejan Šculac**, Public institution for sport Koper, **Tomaž Cadež**, Public institution Javni gospodarski zavod Protokolarne storitve Republike Slovenije **Aleksander Janev**, Center for culture, sport and events Izola, **Miha Mihelič**, Public institution Javni gospodarski zavod Protokolarne storitve Republike Slovenije and **Valter Jugovac**, Public institution for sport Koper.

Subjects, topics and content

Subject 12105: **Athletic and football stadiums**. Topic: **Usage of different types of fertilizer at football pitches**. Lecturer: **John Smart**, Indigrow Ltd, United Kingdom. (consecutive translation) Introduction to different types of fertilizers. The appropriate use of different fertilizers for different types of football pitches.

Subject 12105: **Athletic and football stadiums**. Topic: **Monitoring of grass growth at football pitches and selection of fertilizers**. **John Smart**, Indigrow Ltd, United Kingdom. (consecutive translation) Methods for monitoring the growth of grass on football pitches. The adjustment of fertilizers selection based on the monitoring of grass growth on football pitches.

Subject 12105: **Athletic and football stadiums**. Topic: **Football pitches management in FC Ipswich Football Academy**. . **Alan Ferguson**, head Groundsman, Football Academy, FC Ipswich, United Kingdom and **Scott Forrest**, Ransomes Jacobsen Ltd, United Kingdom. (consecutive translation) Presentation of the sports infrastructure in Ipswich Town, Football Academy. The system of management of the stadium and football pitches. Requirements for quality grass surfaces and maintenance criteria.

Subject 12105: **Athletic and football stadiums**. Topic: **Management of stadium infrastructure and equipment**. Lecturer: **Brane Elsner**, Football Association of Slovenia. Management of stadium's infrastructure and equipment. Good practices.

Subject 12112: **Managing grass surfaces for sport and leisure**. Topic: **Watering of natural grass and artificial grass pitches**. Lecturer: **Rolf Krueger**. Rain Bird Europe, **Tomas Kurdziel**, Rain Bird Ltd, Czech Republic. (consecutive translation) Types of irrigation systems, natural and artificial football pitches. Introduction of technological systems and methods of their use.

Subject 12112: **Managing grass surfaces for sport and leisure**. Topic: **Appropriate selection of grass mixtures**. Lecturer: **PhD Christa Lung**, Optimax GmbH, Germany. (consecutive translation) Types of grass mixtures and appropriateness of their use for different terrain and grass surfaces. Criteria and methods of grass mixtures selection.

Subject 12105: **Athletic and football stadiums**. Topic: **Electrical machines for maintenance of grass at football pitches**. Lecturer: **Simon Anderson**, Ransomes Jacobsen Ltd, United Kingdom. (consecutive translation) Types of electrical machines for maintenance of natural and artificial turfs. Ecological benefits of electric machines. Methods of their use.

Sightseeing of the equestrian center Lipica was organized for the lecturers and participants of international seminar.

In the afternoon **Assembly of Sport center association of Slovenia** was held in Hotel Maestoso in Lipica. Over 50 managers of sport centers and professionals, have spoken about future development of sport and leisure infrastructure, legislation and introduction of new technologies.

Written by Jana Janežič, business secretary.



Lipizzans