





Future of sport and leisure infrastructure

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Secretary General IASLIM

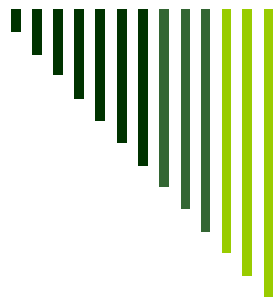
MOVE Congress, Barcelona, 18.10.2013





IASLIM
www.iaslim.org

International Association of Sport and Leisure Infrastructure Management



ELEMENTS

of sport and leisure infrastructure

infrastructure	activity
property	management



football stadium	summer tourist center	children's playground	winter ski center	free skiing in the mountains
seashore facilities	Californian beach	ocean sands	island seashore	mediterranean strand
mountain track	high ropes course	mountain bike track	city park	recreational area
track and field stadium	football pitch with artificial turf	football stadium	golf course	football playground
diving facility	indoor swimming pool	outdoor swimming pool	top training sport center	aquatic centre
tennis courts	sailing center	beach volleyball playground	public baths	high altitude training centre



public city's infrastructure	private infrastructure	public city's infrastructure	private infrastructure	public land owned by state
public land owned by state	public city's infrastructure	public city's infrastructure	public land owned by state	public city's infrastructure
public land owned by state	public land owned by municipality	public land owned by municipality	public city's infrastructure	public land owned by municipality
public city's infrastructure	private infrastructure	private infrastructure	public land owned by municipality	public city's infrastructure
public city's infrastructure	public city's infrastructure	public city's infrastructure	state infrastructure	public city's infrastructure
public city's infrastructure	public city's infrastructure	public city's infrastructure	public city's infrastructure	private infrastructure



professional sport	business	children's play	business	leisure tourism
leisure tourism	leisure tourism	leisure tourism	leisure tourism	leisure tourism
leisure tourism	leisure tourism	leisure tourism	leisure	recreation
sport	business	professional sport	business	sport
sport	sport recreation	recreation	professional sport	sport recreation
sport recreation	sport recreation	sport recreation	business	business



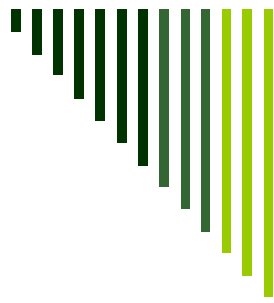
public institution	corporation	municipality	corporation	national park
local community company	public company	municipality	national park	municipality
national park	entrepreneur	local community	public company	public company
public institution	corporation	corporation	sport club	public institution
public institution	regional association	public institution	state agency	public institution
public institution	municipality	public institution	social management	corporation





SPORT?





SPORT?



INTERNATIONAL
OLYMPIC
COMMITTEE

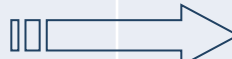
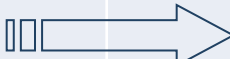
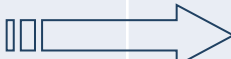
125th Session

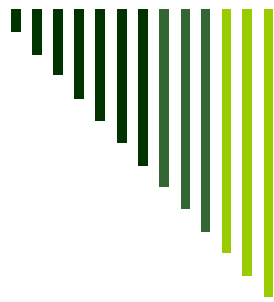
7-10 September 2013
Buenos Aires



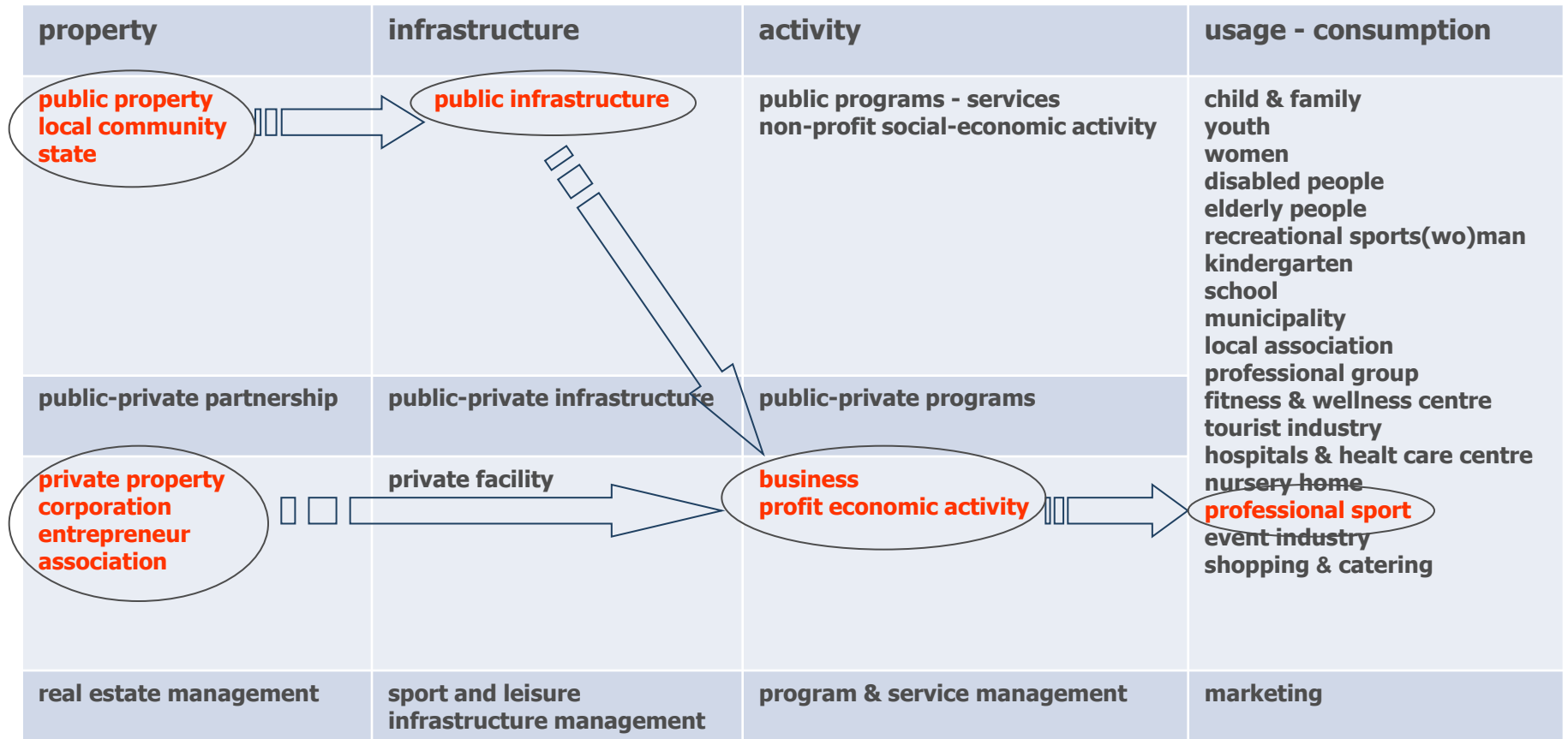


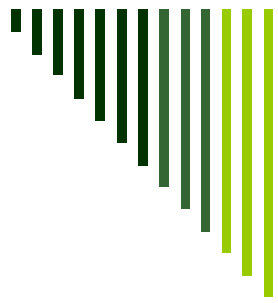
MANAGEMENT

property	infrastructure	activity	usage - consumption
public property local community state	public infrastructure	public programs - services non-profit social-economic activity	children & families youth women disabled people elderly people recreational sports(wo)man kindergartens schools municipalities local associations professional groups fitness & wellness centres tourist industry hospitals & health care centres nursery homes professional sport event industry shopping & catering
public-private partnership	public-private infrastructure	public-private programs	
private property corporation entrepreneur association	private facility	business profit economic activity	
			
real estate management	sport and leisure infrastructure management	program & service management	marketing



MISMANAGEMENT





TODAY

- Public health services and physical activity are not reachable to all people, because local communities don't provide them.
- Sport is global business.
- Olympic games are promotional event for professional sport.
- States and local communities are spending public money for specialised facilities with huge stands for professional sport.
- States and local communities don't invest public sources in sustainable "green" infrastructure and innovative programs of physical activity for all people, especially children, families, youth, women, disabled and elderly people and recreational sport(women).



FUTURE

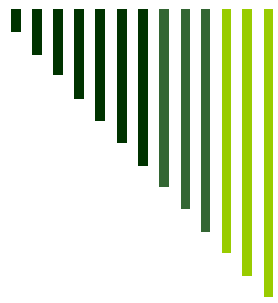
trends in sport, leisure and infrastructure

- new philosophy - culture
- sustainable development
- social management
- innovative programs
- renewal, modernisation and reconstruction of infrastructure
- new “green” technologies
- new educational and training programs
- new social / communal centres



CULTURE

New philosophy based on different values, ideals and goals of physical culture, sport, leisure and infrastructure, will help to develop social welfare state.



SUSTAINABLE

... development of nature and society. We are forced to consume less natural resources and enable lower / no pollution of the environment.



MANAGEMENT

New systems of social management will result in changes of structure and funding of education, sport for all and infrastructure in local communities and regions.



INNOVATIONS

Research and development of innovative programs will lead to different forms and management of physical activities in preschool and school sport education, recreation, healthy life programs, sport for all, programs for elderly people, rehabilitation and medical programs, programs for professionals and sport.



INFRASTRUCTURE

Renewal, modernisation and reconstruction of sport and leisure infrastructure, will provide facilities, which will be multifunctional, prefabricated, program adaptable, ecological, sustainable, economical and efficient with natural resources.



TECHNOLOGIES

“Green technologies” will enable lower consumption of natural resources and lower pollution of environment. They will encompass: communal systems, driveways, parking lots, water supply systems, renewable energy supply systems, natural air treatment systems, heating systems and indoor air treatment technologies, water treatment technologies, snow and ice management systems, hazardous substances and material management, waste management, cleaning services, communication systems, lighting and acoustic technologies, safety systems, artificial turf and sport flooring, insulation of buildings and other technological systems.



FUTURE

ideas and concepts

... for new innovative sport and leisure programs and infrastructure, which will be multi-purpose and sustainable.



CITY PARK

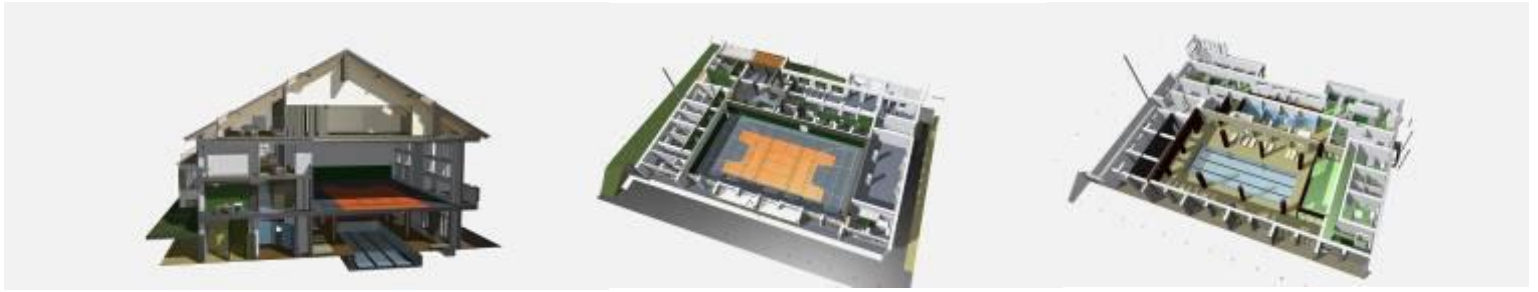
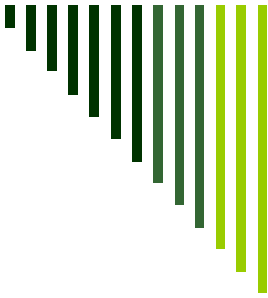
Parks are lungs of the city. They cultivate urban space and provide pleasant and comfortable life to residents. Municipality must protect them and enable their development. Parks encompass leisure and sport infrastructure: walking and biking tracks, playgrounds for children, trim tracks and outdoor fitnesses, tennis courts, tenpin greens, outdoor sports fields, water and other recreational surfaces. Parks are "active green urban spaces."



SPORT PARK

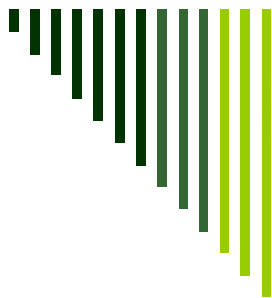
Sport park in natural environment with no special infrastructure enable people to relax and have leisure in quiet natural surrounding.

Sport park in (close to) the city revitalize degraded urban areas and wastelands around cities and convert them to sport and recreational areas, which are accessible by walking, cycling and public transport.



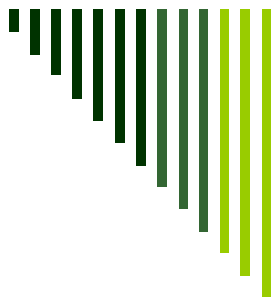
MULTI-PURPOSE CENTER

Old facilities will be completely reconstructed and changed into a state-of-the-art multi-purpose centers with a variety of cultural, social, educational, sport, recreational and leisure programs for all people. Facilities will become social/municipal centers of local communities.



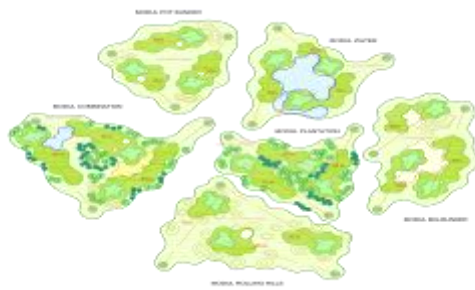
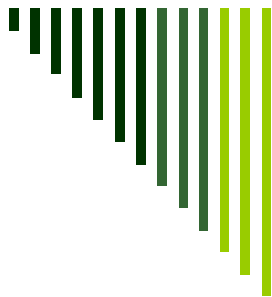
OUTDOOR AREAS

Outdoor areas and equipment for physical practice and children's play. Outdoor concrete platforms covered with synthetic infill turf for outdoor use. On the platforms are sets of play-equipment / systems for physical practice and children's play up to 10 years of age, which are adapted to their skills and needs for entertainment and play.



GOLF CHILDREN

Golf course for children. Around the world people have problems with teaching, equipment and golf courses for children. They are planning to build small golf courses that enable: (1) short distances between the holes (max 100 m), (2) personalized teaching methods, (3) larger holes with the method of open ring and (4) adapted scoring system. Such course can be built on an area of three holes on normal golf course. This innovative infrastructure opens up many opportunities, sport and leisure touristic programs.



MODULE 1 (TEE BOX)
MODULE 2 (FAIRWAY)
MODULE 3 (GREEN)
MODULE 4 (BUNKER)
MODULE 5 (WATER HAZARD)
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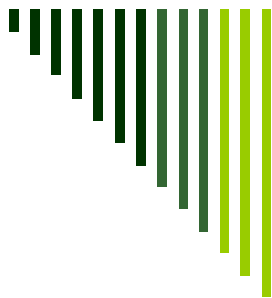
PITCH & PUTT

Pitch & Putt golf course is innovative modular design of golf courses, which enables cities to build "urban" areas for sport and leisure, on smaller surfaces in local communities. Golf course can be assembled by modules. Cost of construction and maintenance are significantly smaller than with standard golf course. Such courses offer more appropriate play-time (access time and playing time) and prices for different groups of players (families, business men and women, visitors of summer baths, pensioners, housewives).



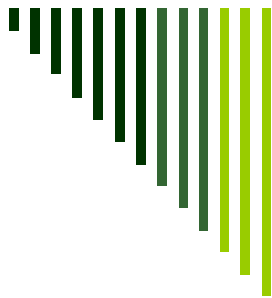
COVERED MULTI-PURPOSE SURFACES

Covered multi-purpose surfaces (playgrounds) for sport and leisure are designed especially for preschool and school physical/sport education, recreational sport and socializing children, youth and adults. Construction procedures are simpler. The costs of construction and maintenance, depending on the surface, are smaller. These facilities represent economical use of urban space, smaller negative impacts on the environment and better offer of programs for all people. Capacity of use is high. The use is free.



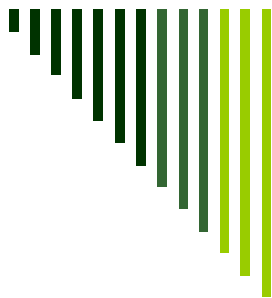
LEISURE CENTER

In existing outdoor or indoor areas (playgrounds, tennis courts, other courts) we can install multi-purpose synthetic surface, purchase sport equipment and requisites and offer new innovative leisure and recreational programs for children, youth, families and other users. Programs include roller skating, tennis, badminton, mini golf, table tennis, volleyball, small football, basketball, sport climbing, bowling, bocce and other physical activities and games. With small inputs in the infrastructure and innovative programs, local communities can build modern and economically viable leisure center.



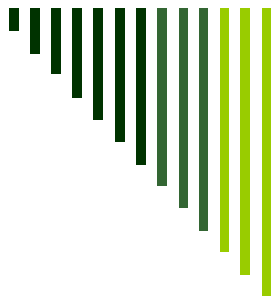
PLAY HOUSE

Play house is a multi-purpose facility for programs such as children's play room, play room in kindergarten or school, facility for health programs and body shaping, facility for exercise of elderly people, Yoga and other programs. The facility has a steel structure foundations or reinforced concrete slab. There are self-supporting isolated panels on the construction, with a final layer of colour galvanized steel. The interior walls and ceiling are lined with acoustic panels. Floor is topped with wooden layer that has extra protection. The building has good insulation, heating and ventilation. External dimensions of the building are 13 m x 21 m x 6.5 m. Net usable area is 240 m². The facility can be placed beside other building in which visitors use reception, changing rooms and toilets.



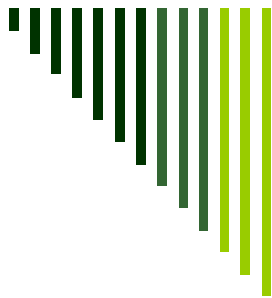
BATHS AND POOLS

Swimming pool complexes in urban environments that provide interesting and enjoyable leisure activities for children, youth and families. Sunroof allows use of the facility in all weather conditions. Equipment allows multiple use of facilities. Innovative and quality programs and services are competitive on the markets.



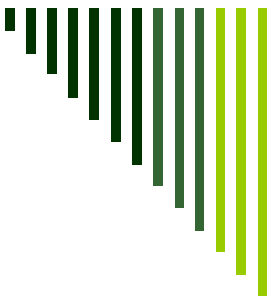
SKIING ARENAS

Climate change in some geographic areas, higher security requirements and new ski programs, have result in the construction of skiing arenas. Ski slopes in the indoor facilities are adapted to the terrain configuration. These facilities enable development of innovative programs in suitable climatic conditions, ensuring higher safety conditions for skiers. Such facilities are build also in established winter ski centers to prolong touristic seasons.



INNOVATIONS

Innovative products for physical activity. The innovative design of the device is an example of state-of-the-art technology in the field of sports, recreation and rehabilitation as a result of comprehensive needs of modern man. The device enters a new approach in resolving kinesiology issues of physical activity of man. Freestyler* TM driving range enables very effective natural body movements. The device is a practical, portable, offers value for money and is completely safe.



IT!