GEOSPATIAL WORLD FORUM™

Theme: geoSMART Planet & You!
resources + infrastructure

05-09 MAY 2014
Centre International de Conférences Genève (CICG), Geneva, Switzerland
OUTLINE

- Evolution
- Stakeholders and Eco-System
- Trends and Directions
- Watch Out and Feel Good Factors
- Geospatial World Forum- A Platform
GEOSPATIAL INDUSTRY Eco-system & Stakeholders

Integration
- EOS
- GIS
- GNSS
- Laser Scanning
- Photogrammetry
- Sensors
- Surveying & Mapping

Convergence
- Computing / Graphics
- Database
- Engineering
- Internet / Cloud
- Mobile
- Telecommunications
- Wireless

Embedded Processes
- BIM/AEC
- Analytics
- Tax / Accounting
- ERP / CRM
- Modelling
- Social Media
- Land Information Systems
- SCADA
- TC4ISR

Solutions
- Agriculture
- Banking & Finance
- Construction
- Defence
- Electricity
- Environment
- Insurance
- Land
- Mining
- Oil & Gas
- Public Safety
- Transportation
- Water
MEET THE WORLD IN GENEVA
Room combination and capacity

- Rooms 1 + 2 + 3 + 4 > 2'200
- Rooms 1 + 2 > 1'660
- Rooms 2 + 3 + 4 > 1'220
- Rooms 3 + 4 > 456
PUBLIC SAFETY

GEOSPATIAL ENABLED SOLUTIONS

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Complementing and Collaborative Trends

Google/Microsoft - Consumers & Pro-sumers

Autodesk - Design

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Autodesk - Design

ESRI

Intergraph

Bentley - Engineering

Pitney Bows

Oracle - Business Analytics

Surveying

Laser Scanning / LiDAR

Trimble - Modeling

GE Smallworld Networks
Geospatial Content & Specialised Software
Acquisitions – Enabling Geospatial Workflows and Consolidation

- Erdas + Leica + Novatel Geomax + Intergraph + Distributors in Emerging Markets
- Info + Ashtech + Spectra + Applanix + Gatewing
- elcoSystem + Ivara + InspecTech
- Horizontal + Fairchild Imaging
Acquisitions – Finding Mainstream & Enabling Competitive Advantage

Microsoft + Vexcel = Spatial Dimension

Google + Keyhole + Wase = Information Management

Pitney Bows + MapInfo = Mailing Business

Nokia + Navteq = Location Based Services

GE + Small World = Energy Solutions

Thomson Reuters + Land International = Tax and Accounting

Amazon + UpNext = 3D Cloud

Apple + WifiSLAM + Placebase + Poly9 + C3 = Mobile

Facebook + Gowalla = Social Media
Urbanisation: 50%

Growing Demand: 60%

Per capita consumption:
- 28%
- 52%

Water

Climate change

Manpower

Productivity and Efficiency

ENGAGE

COLLABORATE

EDUCATE

Growing Demand

Population:
- 7B
- 9.1B

Urbanisation
7 billion to 9 billion

Urbanisation & Industrialisation

Generation:
21 trillion to 40 trillion kWh

Carbon Emission:
9.7 billion to ~14 billion metric tonnes

Value and Utility of Geospatial Technology

- Productivity and Efficiency
- Renewable Potential Mapping
- Network Planning, Operation & Management
- Foundation of Smart Grid

Ensuring Sustainability & Growth

Environment Protection

Fuel Security

Exploitation of Resources

Energy Conservation

Universal Access

Smart Grid

Automation

Consumer Service
Geospatial Consumer Market: 250 Billion $

BOSTON CONSULTING

Professional Market: 100 Billion $

JP MORGAN

60% Geospatial Content
15% Geospatial Technology
10% Geospatial Solutions
15% Geospatial Services

Growth rate varies from 10-20% annually
Watch Out Factors

- Engage/Advocate Political and Administrative Leadership
- Forward Thinking Policy Environment
- Organise and Consolidate Industry
- Partnership and Collaborative Business Models
- Invest in Qualified and Trained Manpower
- Standards and Interoperability with Industrial Workflow
- Define IPR and Trade Protocols
Feel Good Factors

- Higher Awareness
- Location Inside & Everywhere
- Industrialisation and Commercialisation
- Recognition at Highest Political and Economic Forums
- National Geospatial Strategies
- Entry of Large Business Houses
- Higher Growth Rates
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Interactive and Collaborative Forums
Policy and Technology Leaders Forum
Best Practices and Success Stories
Exchange and Knowledge at National, Regional and Global Levels
Connecting Communities
Converging Process and Practices
Demonstrating Value and Utility of Geospatial Enabled Society and Economy
30 Collaborative Partners
Ministerial and Administrative Leadership
250 Heads of Organisations
75 countries
250+ Speakers
30+ Moderators
Estimated Participation of 1000 delegates
Geospatial Community is passing through a transitional phase and gaining momentum towards being an inherent and integral stakeholder of local, regional and global communities, offering spatial visualisation and analytics for understanding, managing and monitoring of natural resources, infrastructure and human development.
THANK YOU

#GWF2014

GEOSPATIAL media + communications