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**Environmental Management System**

**Smartcom-Bulgaria AD**

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**Prepared for IBM Corporation**



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## Environmental Management System

### **Introduction**

Smartcom-Bulgaria AD has certified Environmental Management System (EMS) by TUV Rheinland Bulgaria – Certificate № TRBA 110 0039.

Our Environmental Management System covers the Environmental Protection model according to:

- **Plan:** including identifying environmental aspects and establishing goals
- **Do:** Implement, including training and operational controls
- **Check:** including monitoring and corrective action
- **Act:** Review, including progress reviews and act to make needed changes to the EMS.

### **Compliance Plan**

The following plan elements address each of IBM's EMS requirements and demonstrate how Smartcom-Bulgaria AD will comply.

We perceive Green IT strategy for sustainable development, which affects energy Minimize, Reduction of CO2 emissions, better management of electronic waste.

### **Requirement #1**

*Define, Deploy and Sustain a corporate responsibility and Environmental Management System that identifies significant aspects of the supplier's intersections with these matters, including those articulated in IBM's Supplier Conduct Principles and/or the EICC Code of Conduct.*

The requirements apply to employees as a guide in performing official duties and for our partners as proof of our ability to work competently and committed to the environment.

**Smartcom-Bulgaria AD Compliance:** Implementation of requirements #2 through #8 in this document will satisfy the need for an Environmental Management System.

Smartcom-Bulgaria AD posts Declaration of Management Responsibility on our website [http://www.smartcom.bg/about\\_us.html](http://www.smartcom.bg/about_us.html).

We will work to continuing our efforts to ensure improvement our EMS in the coming years.

We explore in detail our products range and perform monitoring and control production, supply and sales. Our system management (EMS - environmental management system) perform for maintenance of all processes related to monitoring and environmental management initiatives.



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### Requirement #2

*Establish Programs (within the management system) to control operations that intersect with these matters and confirm compliance with applicable law, regulation and any particular contractual requirements.*

**Smartcom-Bulgaria AD Compliance:** We maintain an updated list of regulations and we reflect the changes in these documents. The company's team is firmly convinced and comply with the applicable for the company legal requirements perform the tasks. The company has a committee on ecology.

### Requirement #3

*Measure Performance associated with supplier's significant environmental aspects and include, at a minimum, each of the following aspects common to virtually all businesses:*

- a. *Energy conservation* – Some old computers are replaced with new as you know.
- b. *Scope 1 and Scope 2 greenhouse gas (GHG) emissions and*
- c. *Waste management and recycling.*( batteries; carton and paper; toner cartridges; fluorescent lamps)

*Designing for the environment includes green product design/ packaging design, designing for optimum operational efficiency, and designing for product end of life*

**Smartcom-Bulgaria AD Compliance:** We will establish a baseline for the aspects identified in a 12 month period in order to address seasonal trending. The baseline period will be defined as January 2010 to December 2010.

For the period January to December 2013:

- Calculate Energy Consumption (as applicable):
  - **Electric** – Electricity was raised by the long and cold winter with the previous winter. Kilowatts consumed per employee 933 kW
  - **Petrol** – Liters consumed in company owned cars 11973 l + 5768 l diesel
- Calculate Scope 1 greenhouse gas emissions (Calculate CO<sub>2</sub> generated from the following elements according to standard formulae):
  - Petrol for 134784 km passed the quantity of CO<sub>2</sub> is about 28.972 t
  - Diesel for 31000 km passed the quantity of CO<sub>2</sub> is about 7.347 t
- Calculate Scope 2 greenhouse gas emissions:
  - Electric used about 79.3 MWh – CO<sub>2</sub> – 27.78 t

- Waste management and recycling

We collect and pass on all the waste from used paper in the office for recycling which is negligible quantity – less than 110 kg since year start.



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### Requirement #4

*Set Targets to achieve positive results associated with their significant environmental aspects, including goals for each of the three aspects (a, b and c) cited in Requirement #3 above.*

**Smartcom-Bulgaria AD Compliance:** Working off the baselines established in Requirement #3 we will set one goal in each category. The goal measuring period will be 12 months.

Progress will be tracked annually based on consumption over the course of a year.

Goals will be determined in conjunction with Smartcom-Bulgaria AD senior management, and follow the basic format shown:

- Energy Consumption
  - Consumption is reduced more than 1 % per employee by 2013 to 2012
- Scope 1 and Scope 2 Greenhouse Gas emissions
  - Reduce (Scope 1/Scope 2) GHG emissions from (electric/fuel/gas) usage over 3 % by 2013 to 2012

### Requirement #5

*Publicly Disclose results associated with the voluntary environmental goals and other environmental aspects from the management system, including any regulatory fines or penalties that may have occurred.*

**Smartcom-Bulgaria AD** use to publish a report on the website.

### Requirement #6

*Train employees who are responsible for performing this work (monitoring, measuring and/or reporting environmental performance).*

**Smartcom-Bulgaria AD Compliance:** We passed a training for all employees and specific training for those who will collect and measure our environmental performance data. Employees support the EMS through actions such as making sure all paper is recycled, trash is minimized etc.

### Requirement #7

*Conduct Self-Assessments/Audits, as well as Management Reviews of their management system*



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## **Environmental Management System**

**Smartcom-Bulgaria AD Compliance:** We conducted our Management Review before the second supervisory audit of the integrated management system.

### **Requirement #8**

*Cascade these same requirements onto their own suppliers who perform work material to the goods and/or services provided to IBM.*

**Smartcom-Bulgaria AD Compliance:** We do not have any suppliers that perform work material to the services we provide to IBM.

### ***Timeline***

**Smartcom-Bulgaria AD** implements IBM's target in our EMS which are declared from CEO.

The next surveillance audit of the EMS will be in the month of December 2014.