



СБЕРБАНК

Approaches for Green Investment Scheme in the Russian Federation



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- **«Hard Greening»:**
 - a) **100 % revenues from AAU transactions proceeds to the project**
proceeds which gets from AAUPA must be spent to the preparation and implementation of the projects that are expected to generate green house gas reduction
 - b) **greening ratio [1:1] for reasonable time period**
responsibility for achieving hard greening to 2020
- **Transparent and Determined Scheme of project initialization includes the Identification of Project Titles inside GIS agreement**
- **International monitoring and reporting system (PDD, validation)**
- **Represents and warrant to counterparties that full title to all AAUs to be transferred**
transferred AAUs free of any thirds party's claims, haven't been sold, transferred, assigned, licensed
- **Readiness to use EPC-expertise form Buyer country**

Government requirements to GIS design



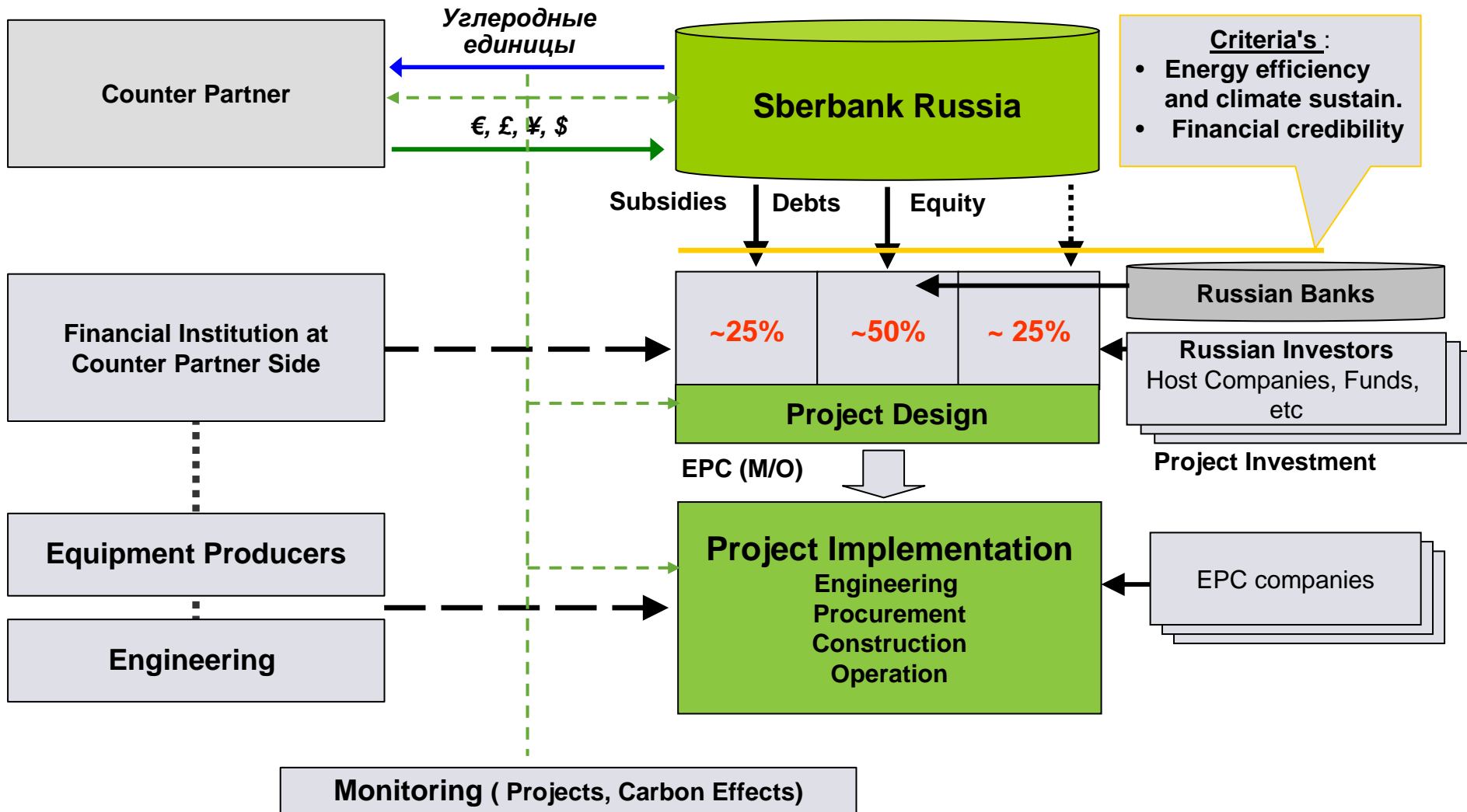
- GIS should initiate set of INVESTMENT PROJECTS which will generate reduction greenhouse gas emissions
- CAPITAL OF INVESTMENT PROJECTS should be based on COMMERCIAL capital (host companies capital, banks debts, etc)
- Investment Projects should use best practice technologies
- Revenues from AAU-s transaction from GIS-partner will use to Project Financing (*as subsidies*)
- SBERBANK determined as Russian national agent for implementation GIS

Structure of Russian GIS



GIS Partner (Buyer)

Russia



Potential menu of the projects under the Russian GIS



Sectors	Areas	Potential projects	Russian host-companies
Private Sector	Steel Industry	Energy saving projects such as BFG	Steel Metallurgy Companies
	Coal Industry	Mine less extraction of coal bed methane and its utilization as a fuel for cogeneration units and automatic compressor station gas filler	Energy Generation Companies, Coal Mining Companies
	Oil Industry	Associated Petroleum Gas Projects (APG) <ul style="list-style-type: none"> Utilization APG with oil companies Utilization APG at old wells 	Oil and Gas exploration and Productions Companies
	Renewable	<ul style="list-style-type: none"> Wind Energy Solar energy Hydro power energy 	Federal Energy Transmission Company
Public sector	Lighting	<ul style="list-style-type: none"> Replacement old lamps to energy saving lamps Construction recycling system Construction energy saving local lamp production 	<ul style="list-style-type: none"> Project “New Light” (one of 6 projects President’s Commission for Technical modernization of Russian economy) Public and Business Companies <p>SBERBANK is designated as a partner of implementation new financing instruments for Energy Efficiency Law in Russia)</p>
	Energy Efficiency in Municipal Power Generation	Reduction of fuel consumption due to installation of modern cogeneration complex (gas powered cogeneration units and heat pumps) for energy supply	Municipal management companies, Building Development Companies Energy Service Companies
	Green Building	Isolation of windows doors	
	Waste management	<ul style="list-style-type: none"> Waste Power Plant Waste Tire utilizations Plant Cleaning water systems 	



Our clients

