### Green Transportation
- Green urban transit
- EV charging infrastructure

### Green Infrastructure and Green Cities
- Energy efficiency boost in heating networks, electrification last mile
- Insulation and energy efficiency for communal & government facilities
- Waste management

### Green Industry
- Significant growth in production by implementation of new technological solutions
- Carbon intensity reduction for export products (for global markets)

### Green Energy
- Current energy generation revamp (more efficient newer bigger CCGTs)
- Coal-to-gas transition
- Wind & solar x2.5 by 2030

### New Industries and Tech
- Blue and green hydrogen
- CCUS

---

To achieve net zero by 2060, Russia needs vast green investment of $300 BN by 2030.
LAUNCHING GREEN FINANCE IN RUSSIA

**Russian Green Finance System (including detailed taxonomies)** approved by Government Decree in September 2021 (largely driven by Ministry of Economic Development, Bank of Russia and State Development Corporation VEB.RF). Taxonomies were updated March 2023 to better reflect Russian GHG benchmarks.

Bank of Russia introduced **Placement standards for sustainable securities** introduced in 2019.

Moscow Stock Exchange launched **sustainable development sector**

State Development Corporation VEB.RF launched **all necessary processes**, providing market infrastructure for sustainable finance (instruments and climate impact register, verifiers accreditation).
TWO SECTIONS OF THE RUSSIAN TAXONOMY

GREEN TAXONOMY
- Formally in line with all common definitions previously of green that existed prior to its development:
  - Green Bond Endorsed Project Catalogue
  - Green Bond Principles
  - Taxonomy Technical Report
  - Climate Bonds Taxonomy
- Assumes net zero technologies with no transition pathways
- Sample sections
  - Wind & solar
  - EVs
  - CCUS
- $32 PER CO₂ TONNE ABATED
  - all green financial instruments

TRANSITION TAXONOMY
- May not be considered green as per common definition; in line with transition guidelines
- Specifically designed to help companies from hard-to-abate industries to embark on their green transition journey
- Examples:
  - APG cycling: 1
    - Increasing energy efficiency of an oil refinery
  - Coal-to-gas
- $1 PER CO₂ TONNE ABATED
  - all transition financial instruments

1. Reinjecting associated petroleum gas into reservoirs
Climate Bonds Initiative welcomes Russian taxonomy as in line with international best practice.

Organisation for Economic Co-operation and Development

OECD research of 12 key global transitional finance systems and taxonomies includes Russian National taxonomy.
<table>
<thead>
<tr>
<th>KEY RESULTS</th>
<th>INVESTMENT OPPORTUNITIES</th>
<th>VALUE OF SUSTAINABLE INSTRUMENTS FOR DECARBONISATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>12 INDEPENDENT VERIFIERS</td>
<td>7 ISSUERS WITH SOVEREIGN CREDIT RATING</td>
</tr>
<tr>
<td></td>
<td>Approved by VEB.RF</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>13 GREEN FINANCIAL</td>
<td>10.5 MLN TONNES CO₂e PA emissions reduction or abatement</td>
</tr>
<tr>
<td></td>
<td>INSTRUMENTS</td>
<td></td>
</tr>
<tr>
<td>$6.4</td>
<td>$6.4 BN</td>
<td></td>
</tr>
<tr>
<td>ESG financial instruments total volume</td>
<td>$4.3 BN</td>
<td>1% RUSSIA’S ANNUAL EMISSIONS</td>
</tr>
</tbody>
</table>

$4.3 BN
ESG financial instruments total volume

$6.4 BN
ESG financial instruments total volume

10.5 MLN TONNES
CO₂e PA emissions reduction or abatement

1% RUSSIA’S ANNUAL EMISSIONS