

## **REGIONAL**

### **IFD/CTI – CONSULTANCY TO CONDUCT STUDIES ON SKILL DEMAND IN THE ENVIRONMENTAL GOODS AND SERVICES SECTORS IN LAC.**

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).

As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to "business as usual". Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future.

Despite the interest expressed in the recent years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to produce a set of studies investigating the demand of skills required in the environmental goods and services sector, as well as the supply of skills provided by the LAC educational systems in order to allow policy makers to better formulate evidence-based circular economy policies.

### **The team’s mission:**

Competitiveness Technology and Innovation Division (IFD/CTI) – The Inter-American Development Bank (IDB), through the Competitiveness, Technology and Innovation (CTI) Division, provides funding, technical assistance and knowledge products to support governments in key action areas such as firm-level innovation, entrepreneurship ecosystems, green innovation, digital transformation, creative economy, social innovation, and productive development. IDB programs in these areas incorporate common themes, such as training in science, technology and innovation for advanced human capital; strengthening scientific and technological infrastructure; designing public policies to promote innovation; strengthening the institutional capacity of the agencies and ministries that are responsible for implementing these policies.

### **What you’ll do:**

The objective of this consultancy is to provide technical inputs to produce a set of studies investigating the demand of specific skills required in the LAC environmental goods and services sectors.

To achieve this objective, the selected contractual will perform the following activities:

1. Conduct a thorough review of the state-of-the-art methodologies used to measure the demand of specific skills by the environmental goods and services sectors.
2. Carry out an in-depth analysis of the data available in LAC countries to measure skills demand in these sectors. This should include both official data (e.g. coming from national statistical offices, central banks, etc.) as well as big data coming through web-scraping of job ads.
3. Based on the results of the data available, indicate the LAC countries that appear more suitable to carry out the skill demand analysis. Selection criteria should be justified and explained.
4. Based on the findings of (a) the review of the best methodologies to measure skill demand for environmental goods and services sectors and (b) the review of data availability in LAC countries, conducting studies analyzing the supply of specific skills for the environmental goods and services sectors in two selected LAC countries.
5. Providing advice on the interpretation of the collected data, main trends, and policy recommendations for LAC statistical offices and policy makers.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A report containing a thorough review of the state-of-the-art methodologies used to measure the skill demand in the environmental goods and services sectors.
- **Product 2:** A report containing a review of the data available in LAC countries to measure the skill demand in the environmental goods and services sectors and, based on it, a selection of LAC countries that appear more suitable to carry out the skill demand analysis.
- **Product 3:** A final report containing the studies analyzing the demand of skills in the environmental goods and services sectors in two selected LAC countries, main trends, and policy recommendations for LAC statistical offices and policy makers.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 2 months after signing the contract.
- **Product 2:** 3 months after signing the contract.
- **Product 3:** 6 months after signing the contract.

A lump sum will be paid to the consultant, according to the following payment schedule:

- First payment: 15% at the approval of Product 1 by the IDB.
- Second payment: 15% at the approval of Product 2 by the IDB
- Third payment: 70% at the approval of Product 3 by the IDB.

### **What you'll need:**

- **Citizenship:** You are a citizen of one of our 48-member countries.
- **Consanguinity:** You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.
- **Education:** A master's degree in economics, statistics, public policy or a similar field is required.
- **Experience:** No less than 5 years of experience in quantitative and qualitative research in the fields of statistics, education, innovation, science and technology, economic development and other related topics.
- **Languages:** Proficiency in English and Spanish is required.

### **Opportunity Summary:**

- **Type of contract and modality:** Products and External Services Consultant, Lump Sum
- **Length of contract:** 6 months

- **Location:** Home based.
- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## **REGIONAL**

### **IFD/CTI – CONSULTANCY TO CONDUCT STUDIES ON SKILL OFFER FOR THE ENVIRONMENTAL GOODS AND SERVICES SECTORS IN LAC.**

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).

As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to "business as usual". Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future.

Despite the interest expressed in the last years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and

evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to produce a set of studies investigating the demand of skills required in the environmental goods and services sectors, as well as the supply of skills provided by the LAC educational systems in order to allow policy makers to better formulate evidence-based circular economy policies.

### **The team’s mission:**

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### **What you’ll do:**

The objective of this consultancy is to provide technical inputs to produce a set of studies investigating the supply of specific skills for the environmental good and service sectors, provided by the countries’ educational systems.

To achieve this objective, the selected contractual will perform the following activities:

1. Conduct a thorough review of the state-of-the-art methodologies used to measure the offer of specific skills for the environmental goods and services sectors.
2. Carry out an in-depth analysis of the data available in LAC countries to measure skills offer in these sectors. This should include both official data (e.g. coming from national statistical offices, central banks, etc.) as well as big data coming through web-scraping of the websites of universities and vocational education institutes.
3. Based on the results of the data available, indicate the LAC countries that appear more suitable to carry out the skill offer analysis. Selection criteria should be justified and explained.
4. Based on the review of the best methodologies to measure skill offer for environmental goods and services and the review of data availability, conducting studies analyzing the supply of specific skills for the environmental goods and services sectors in two selected LAC countries.
5. Providing advice on the interpretation of the collected data, main trends, and policy recommendations for LAC statistical offices and policy makers.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A report containing a thorough review of the state-of-the-art methodologies used to measure the offer of specific skills for the environmental good and service sectors.
- **Product 2:** A report containing a review of the data available in LAC countries to measure the offer of specific skills for the environmental goods and services sectors and, based on it, a selection of LAC countries that appear more suitable to carry out the skill offer analysis.
- **Product 3:** A final report containing studies analyzing the supply of specific skills for the environmental goods and services sectors in two selected LAC countries, main trends, and policy recommendations for LAC statistical offices and policy makers.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 2 months after signing the contract.
- **Product 2:** 3 months after signing the contract.
- **Product 3:** 6 months after signing the contract.

A lump sum will be paid to the consultant, according to the following payment schedule:

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- **Experience:** No less than 5 years of experience in quantitative and qualitative research in the fields of statistics, innovation, science and technology, economic development and other related topics.
- **Languages:** Proficiency in English and Spanish is required.

#### **Opportunity Summary:**

- **Type of contract and modality:** Products and External Services Consultant, Lump Sum
- **Length of contract:** 6 months
- **Location:** Home based.

- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## REGIONAL

### IFD/CTI – CONSULTANCY TO CONDUCT A REVIEW OF GLOBAL BEST POLICY PRACTICES TO PROMOTE THE CIRCULAR ECONOMY.

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).

As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to "business as usual". Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future.

Despite the interest expressed in the recent years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to support the support, in a few selected LAC countries, the development of circular economy strategies to guide public actions in the area in the short, medium and long term.

### **The team’s mission:**

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### **What you’ll do:**

The objective of this consultancy is to produce a review of the best international policy practices supporting the promotion of a circular economy approach implemented across the globe, and identifying their strengths, weaknesses, and degrees of transferability for LAC countries.

To achieve this objective, the selected contractual will perform the following activities:

1. Conducting a review of the best international policy practices supporting the promotion of a circular economy approach implemented across the globe, and identifying their strengths, weaknesses, and degrees of transferability for LAC countries.
2. Based on the results of the review, develop different policy recommendations for different groups of LAC countries, based on the varying degrees of maturity of the LAC innovation systems.
3. Draft a final report, summarizing the main results of the analysis the study, and providing recommendations to IDB to further promote circular economy strategies in the region.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A report containing a review of the best international policy practices supporting the promotion of a circular economy approach implemented across the globe.

- **Product 2:** A report containing different policy recommendations for different groups of LAC countries, based on the varying degrees of maturity of the LAC innovation systems.
- **Product 3:** A final report final report, summarizing the main results coming from the two previous reports, addressing the comments made by the IDB, and providing recommendations to IDB to further promote circular economy strategies in the region.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 3 months after signing the contract.
- **Product 2:** 5 months after signing the contract.
- **Product 3:** 6 months after signing the contract.

A lump sum will be paid to the consultant, according to the following payment schedule:

- First payment: 40% at the approval of Product 1 by the IDB.
- Second payment: 40% at the approval of Product 2 by the IDB
- Third payment: 20% at the approval of Product 3 by the IDB.

#### **What you'll need:**

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- **Consanguinity:** You have no family members (up to fourth degree of consanguinity and second degree of affinity, including spouse) working at the IDB Group.
- **Education:** A master's degree in economics, innovation, environmental studies, public policy or a similar field is required.
- **Experience:** No less than 5 years of experience in research and training activities in the fields of circular economy, green innovation, science and technology, economic development and other related topics.
- **Languages:** Proficiency in English and Spanish is required.

#### **Opportunity Summary:**

- **Type of contract and modality:** Products and External Services Consultant, Lump Sum
- **Length of contract:** 6 months
- **Location:** Home based.
- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## **TERMS OF REFERENCE**

### ***TRAINING PROGRAM TO FOSTER THE CAPACITY TO FORMULATE AND IMPLEMENT CIRCULAR ECONOMY POLICIES IN KEY ECONOMIC SECTORS.***

*REGIONAL*

*RG-T3636*

*Promoting Innovation to Accelerate the Circular Economy in LAC*

#### **1. Background and Justification**

- 1.1. The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.
- 1.2. The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).
- 1.3. As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to

“business as usual”. Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future. Despite the interest expressed in the recent years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

- 1.4. With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to strengthen LAC institutional capacity in the circular economy area, through activities of knowledge generation and capacity building.

## **2. Objectives**

- 2.1. The general objective of this consultancy is to develop and deliver a training course for LAC policymakers and practitioners to strengthen their capacity to design and implement circular economy strategies and policies. The specific objectives are to expand the knowledge of LAC policymakers on the main features of circular economy policies in the world, and to understand the conditions necessary for their successful implementation in the LAC context.

## **3. Scope of Services**

- 3.1. Services must be delivered to the highest quality standards.

## **4. Key Activities**

- 4.1. To achieve this objective, the selected firm will perform the following activities:
  - Analyzing the review (developed by this project) of best international policy practices supporting the promotion of a circular economy approach implemented across the globe, and identifying their strengths, weaknesses, and degrees of transferability for LAC countries.
  - Based on the results of the review, designing, developing and delivering an interactive training course to expand the knowledge of LAC policymakers on the circular economy approaches, the best international policy practices to promote them, and the conditions that are necessary for their successful implementation in

- the LAC context.
- As a part of the training programme, organizing study visits in relevant national and international policy institutions that are leaders in circular economy policy design and implementation.
- Drafting a final report, summarizing the main insights emerged from the training programme, and providing recommendations to IDB to mobilize the network of policymakers and practitioners trained in the course (e.g., with events, webinars, etc.) and other possible next steps.

## 5. Expected Outcome and Deliverables

5.1. The selected firm will submit the following products:

- **Product 1:** A timetable describing the activities to be carried out by the firm.
- **Product 2:** A training course package containing (i) the agenda of a two-day interactive training course; (ii) presentations (pptx) and relevant learning materials for the course.
- **Product 3:** A final report final report, summarizing the main insights emerged from the training programme, and providing recommendations to IDB to mobilize the network of policymakers and practitioners trained in the course (e.g., with events, webinars, etc.) and other possible next steps.

## 6. Project Schedule and Milestones

6.1. The selected firm is asked to submit the abovementioned deliverables by the following dates:

- Product 1: 2 weeks after the signing of the contract
- Product 2: 4 months after signing the contract
- Product 3: 6 months after signing the contract

## 7. Reporting Requirements

7.1. The selected firm is asked to submit the following reporting documents:

- A timetable of the activities to be carried out by the selected firm.
- Monthly written project status report and call on the progress made.
- A final report, summarizing the main results of the training programme.

## 8. Acceptance Criteria

8.1. The IDB team leaders will review and accept each deliverable in order to approve the payments.

## 9. Other Requirements

9.1. No other special requirements are required.

## 10. Supervision and Reporting

10.1. The selected firm will need to report on a regular basis (at least once a month) to Matteo Grazzi (IFD/CTI, matteog@iadb.org), and Simone Sasso (IFD/CTI, ssasso@iadb.org) via e-mail, phone or MS Team call. It shall be responsibility of the firm to ensure that meetings are conducted, and reports are submitted to the Bank.

## 11. Schedule of Payments

11.1. Payment terms will be based on project milestones or deliverables. The Bank does not expect to make advance payments under consulting contracts unless a significant amount of travel is required. The Bank wishes to receive the most competitive cost proposal for the services described herein.

11.2. The IDB Official Exchange Rate indicated in the RFP will be applied for necessary conversions of local currency payments. For Single Source Selection, indicate the payment schedule as follows, for other methods of selection the Consulting Firm should use Price Form 2 included in the RFP.

<b>Payment Schedule</b>	
<i>Deliverable</i>	<b>%</b>
1. Work plan for entire project.	10%
2. A training course package containing (i) the agenda of a two-day interactive training course; (ii) presentations (pptx) and relevant learning materials for the course.	60%
3. A final report final report, summarizing the main insights emerged from the training programme, and providing recommendations to IDB to mobilize the network of policymakers and practitioners trained in the course (e.g.,	30%

with events, webinars, etc.) and other possible next steps.	
<b>TOTAL</b>	100%

## REGIONAL

### IFD/CTI – CONSULTANCY TO CONDUCT A REVIEW OF CIRCULAR ECONOMY POLICY INSTRUMENTS AND REGULATORY FRAMEWORK IN LAC COUNTRY #1.

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).

As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to "business as usual". Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future.

Despite the interest expressed in the recent years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to support, in a few selected LAC countries, the development of circular economy strategies to guide public actions in the area in the short, medium and long term.

### **The team’s mission:**

Competitiveness Technology and Innovation Division (IFD/CTI) – The Inter-American Development Bank (IDB), through the Competitiveness, Technology and Innovation (CTI) Division, provides funding, technical assistance and knowledge products to support governments in key action areas such as firm-level innovation, entrepreneurship ecosystems, green innovation, digital transformation, creative economy, social innovation, and productive development. IDB programs in these areas incorporate common themes, such as training in science, technology and innovation for advanced human capital; strengthening scientific and technological infrastructure; designing public policies to promote innovation; strengthening the institutional capacity of the agencies and ministries that are responsible for implementing these policies.

### **What you’ll do:**

The objective of this consultancy is to produce a review of policy instruments and regulatory framework relevant for the promotion of circular economy and green innovation in LAC country #1.

To achieve this objective, the selected contractual will perform the following activities:

1. Conducting, for LAC country #1, a review of policy instruments implemented in the past 10 years that are relevant to promote circular economy and green innovation. This includes, among others, financial incentives (to producers, to customers, etc.); Emission Trading Schemes and other pollution taxes; environmental R&D policies (focused particularly on innovation life cycle); green human capital policies; systemic policies; other policies (e.g. soft instruments such as voluntary schemes).
2. Conducting, for LAC country #1, a review of those elements of the regulatory framework that are particularly relevant to enable or support circular economy and green innovation.
3. Based on the results of these reviews, indicating, for LAC country #1, regulatory and policy gaps and developing recommendations to promote sound circular economy strategies.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A report containing a review of the policy instruments implemented during the past 10 years in LAC country #1 that are relevant to promote circular economy and green innovation.
- **Product 2:** A report containing a review of LAC country #1 regulatory framework that is relevant to promote circular economy and green innovation.
- **Product 3:** A final report final report, summarizing the main results coming from the two previous reports, and indicating regulatory and policy gaps and developing recommendations to promote sounder circular economy strategies in LAC country #1.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 3 months after signing the contract.
- **Product 2:** 5 months after signing the contract.
- **Product 3:** 6 months after signing the contract.

A lump sum will be paid to the consultant, according to the following payment schedule:

- First payment: 30% at the approval of Product 1 by the IDB.
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- **Education:** A master's degree in economics, innovation, environmental studies, public policy or a similar field is required.
- **Experience:** No less than 5 years of experience in research and training activities in the fields of circular economy, green innovation, science and technology, economic development and other related topics.
- **Languages:** Proficiency in English and Spanish is required.

#### **Opportunity Summary:**

- **Type of contract and modality:** Products and External Services Consultant, Lump Sum
- **Length of contract:** 6 months
- **Location:** Home based.
- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## REGIONAL

### IFD/CTI – CONSULTANCY TO CONDUCT A REVIEW OF CIRCULAR ECONOMY POLICY INSTRUMENTS AND REGULATORY FRAMEWORK IN LAC COUNTRY #2.

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

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With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to support, in a few selected LAC countries, the development of circular economy strategies to guide public actions in the area in the short, medium and long term.

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**What you’ll do:**

The objective of this consultancy is to produce a review of policy instruments and regulatory framework relevant for the promotion of circular economy and green innovation in LAC country #2.

To achieve this objective, the selected contractual will perform the following activities:

4. Conducting, for LAC country #2, a review of policy instruments implemented in the past 10 years that are relevant to promote circular economy and green innovation. This includes, among others, financial incentives (to producers, to customers, etc.); Emission Trading Schemes and other pollution taxes; environmental R&D policies (focused particularly on innovation life cycle); green human capital policies; systemic policies; other policies (e.g. soft instruments such as voluntary schemes).
5. Conducting, for LAC country #2, a review of those elements of the regulatory framework that are particularly relevant to enable or support circular economy and green innovation.
6. Based on the results of these reviews, indicating, for LAC country #1, regulatory and policy gaps and developing recommendations to promote sound circular economy strategies.

**Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A report containing a review of the policy instruments implemented during the past 10 years in LAC country #2 that are relevant to promote circular economy and green innovation.
- **Product 2:** A report containing a review of LAC country #2 regulatory framework that is relevant to promote circular economy and green innovation.
- **Product 3:** A final report final report, summarizing the main results coming from the two previous reports, and indicating regulatory and policy gaps and developing recommendations to promote sounder circular economy strategies in LAC country #2.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 3 months after signing the contract.
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- **Product 3:** 6 months after signing the contract.

A lump sum will be paid to the consultant, according to the following payment schedule:

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#### **Opportunity Summary:**

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- **Length of contract:** 6 months
- **Location:** Home based.
- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## REGIONAL

### **IFD/CTI – CONSULTANCY TO SUPPORT THE DEVELOPMENT OF GREEN RECOVERY STRATEGIES AND PLANS PROMOTING THE CIRCULAR ECONOMY IN LAC COUNTRY #1.**

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

The LAC region is ideally placed to take advantage of the economic potentials of the circular economy and safeguard its natural resources. Latin America produces 44% of the world's copper, 49% of its silver and 65% of its lithium. It hosts 20% of the world's oil reserves, 33% of its fresh water and 20% of the planet's native woodland (UNIDO, 2017). Considering that natural resource extraction and processes are responsible for more than half of the effects of global climate change and that, without action, resource use will more than double from current levels by 2060 (UNEP, 2019), current "linear" economic models can bring about severe negative effects, not only on the environment, but also on health and human wellbeing, as well as greater price volatility of natural resource commodities, especially in natural resource-rich countries (WEF, 2019).

As LAC countries are battling the Covid-19 pandemic and its severe social and economic repercussions, another crisis - the environmental one- is approaching. The coronavirus pandemic has demonstrated the importance of being prepared and resilient when a crisis hits. It has showed that postponing key decisions - which may not seem strictly necessary in the short term - can have huge costs in the medium and long run. While the region was not sufficiently prepared to face the pandemic, it appears even less prepared to cope with the much stronger social and economic consequences that an environmental crisis may bring about. This is why the search for recovery and growth cannot mean a return to "business as usual". Recent evidence shows that economic recovery packages aimed at promoting green innovation and the circular economy can generate more jobs and higher returns in the short term, and allow greater cost savings in the long term, compared to traditional fiscal stimulus packages (Hepburn et al., 2020). Therefore, circular recovery strategies can be the most cost-effective to revive Covid-19 hit economies and ensure more resilience in the future.

Despite the interest expressed in the recent years by policymakers and practitioners, LAC policy initiatives to promote the circular economy are relatively scarce and heterogeneous in their form and execution. Large scale action is still lacking and further effort to shape policy and shift business practices is still required.

With the aim of enhancing the capacity of LAC policymakers to design, implement, monitor and evaluate policies aimed at promoting the circular economy in the region, the IDB has approved the Technical Cooperation RG-T3636 “Promoting Innovation to Accelerate the Circular Economy in LAC”. One key objective of this project is to support the support, in a few selected LAC countries, the development of circular economy strategies to guide public actions in the area in the short, medium and long term.

### **The team’s mission:**

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### **What you’ll do:**

The objective of this consultancy is to support LAC country #1 to develop strategies and plans promoting the circular economy.

To achieve this objective, the selected contractual will perform the following activities:

1. Analyzing all the relevant inputs (developed by the selected countries, by the IDB or by third parties) on the policies and regulations implemented in LAC country #1 over the past 10 years which are relevant for the promotion of circular economy and green innovation.
2. Participating in policy dialogue events between different key public institutions (e.g., Ministry of Economy and Finance, Ministry of Science, Technology and Innovation, Ministry of Environment, Ministry of Education) and other private actors to discuss key issues and suggest regulation and policy reforms to promote the circular economy;
3. Drafting possible circular economy strategies to guide public actions in LAC country #1 in the short, medium and long term.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A timetable describing the activities to be carried out by the consultant.

- **Product 2:** A report summarizing the main takeaways of circular economy policy dialogue events between different key public institutions and other private actors in LAC country #1.
- **Product 3:** A final report, containing circular economy strategies to guide public actions in the short, medium and long term in LAC country #1.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 2 weeks after signing the contract.
- **Product 2:** 3 months after signing the contract.
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A lump sum will be paid to the consultant, according to the following payment schedule:

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- **Responsible person:** The consultant will work under the supervision of Matteo Grazzi (IFD/CTI, [matteog@iadb.org](mailto:matteog@iadb.org)), and Simone Sasso (IFD/CTI, [sassos@iadb.org](mailto:sassos@iadb.org)).

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## REGIONAL

### IFD/CTI – CONSULTANCY TO SUPPORT THE DEVELOPMENT OF GREEN RECOVERY STRATEGIES AND PLANS PROMOTING THE CIRCULAR ECONOMY IN LAC COUNTRY #2.

#### **Background of this search:**

The circular economy - defined as an economy where the value of products, materials and resources is maintained (or regenerated) for as long as possible, and the generation of waste is minimized (EC, 2017) - plays a crucial role in decoupling growth from material extraction, thereby creating the conditions to promote growth and development with a diminishing use of primary resources. The circular economy fosters innovation and encourages the development of business models which reduce inputs and re-use products and materials, creating value instead of waste. For this reason, it can represent an important strategy to address some of the most pressing environmental challenges while providing positive economic benefits.

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### **What you’ll do:**

The objective of this consultancy is to support LAC country #2 to develop strategies and plans promoting the circular economy.

To achieve this objective, the selected contractual will perform the following activities:

4. Analyzing all the relevant inputs (developed by the selected countries, by the IDB or by third parties) on the policies and regulations implemented in LAC country #2 over the past 10 years which are relevant for the promotion of circular economy and green innovation.
5. Participating in policy dialogue events between different key public institutions (e.g., Ministry of Economy and Finance, Ministry of Science, Technology and Innovation, Ministry of Environment, Ministry of Education) and other private actors to discuss key issues and suggest regulation and policy reforms to promote the circular economy;
6. Drafting possible circular economy strategies to guide public actions in LAC country #2 in the short, medium and long term.

### **Deliverables and Payments timeline:**

The consultant will deliver the following products:

- **Product 1:** A timetable describing the activities to be carried out by the consultant.

- **Product 2:** A report summarizing the main takeaways of circular economy policy dialogue events between different key public institutions and other private actors in LAC country #2.
- **Product 3:** A final report, containing circular economy strategies to guide public actions in the short, medium and long term in LAC country #2.

The consultant is asked to submit the abovementioned products by the following dates:

- **Product 1:** 2 weeks after signing the contract.
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- **Location:** Home based.
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