# essential COSTA RICA

# INVESTING IN COSTA RICA

# 5 THINGS YOU SHOULD KNOW

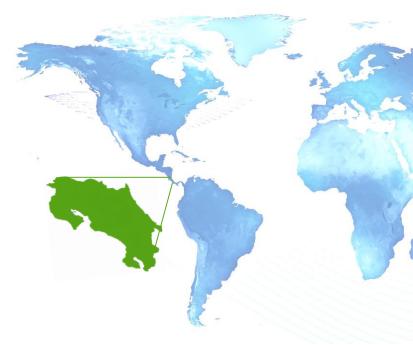


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# Costa Rica by the Numbers



GMT-6
4.9 million
2.3 million
97.8%
7.8%
0.77%
US\$9.9 billion
US\$8.3 billion
US\$57.4 billion
US\$16,142



# 5 THINGS YOU SHOULD KNOW

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Almost 300 high-tech companies, 24% of Fortune 100 companies have established successful operations... and are still growing



- Multinational companies are able to leverage specialization: COSTA RICA is the #1 exporter of high-value added services and #1 in production process sophistication in Latin America.
- 3.
- COSTA RICA offers an increasing productivity, that allows companies to grow with the right talent
- 4.
- COSTA RICA has a privileged location, ideal for reaching the Americas... and the World.
- 5. COSTA RICA boasts stability, innovation and the most competitive tax incentives in the region to reach true Return on Investment (ROI)

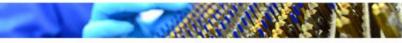


Almost 300 high-tech companies, 24% of Fortune 100 companies have established SUCCESSFUL operations... and are STILL GROWING









# World-renowned companies EXPANDING in Costa Rica







Asian companies are present & thriving in Costa Rica

# **BRIDGESTORE** Panasonic FUITSU Firestone

# MicroPort FEILO SYLVANIA











Photo: Microvention-Terumo Costa Rica



# During the last decade our country has seen a consistent growth in foreign direct investment...

- FDI inflows have grown an average of 5.0% every year since 2006.
- In 2016, FDI represented 4.8% of GDP and FDI per capita reached US\$565. Costa Rica ranks among the top countries in Latin America in both indexes.
- FDI inflows have financed **82.0%** of the current account deficit in the last decade.



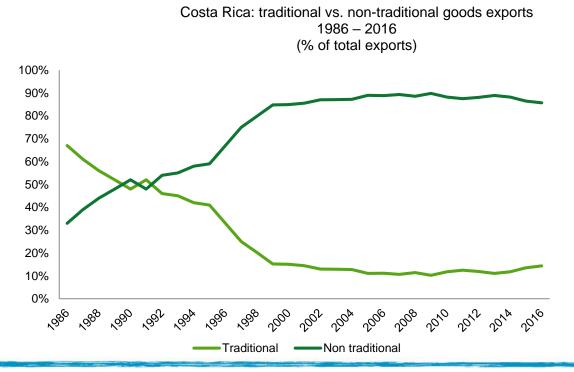
## **Costa Rica: Total FDI**

Source: CINDE based on data from BCCR and IMF, 2017.





# Costa Rica has experienced a consistent growth and diversification in its exports of goods



- Medical Devices was the #1 industrial export good of Costa Rica in 2016
- Costa Rica exports 4,302 different products to 150 destination countries
- The relative share of exports of traditional goods has fallen significantly, representing 67.0% in 1986 to 14.4% in 2016

Source: CINDE based on data from Procomer, 2017

Note: Traditional exports include coffee, banana, beef and sugar





# Costa Rica leads value-added service exports in the Latin American region

Exports of Telecommunications, computer, information, and other services as % of GDP - 2015

Costa Rica				6.1%						
Honduras		1.5%								
Panama		1.5%								
Nicaragua		1.4%								
Uruguay		1.4%	Main indicators	Costa Rica	Honduras	Uruguay	Brazil	Argontina	Colombia	Peru
Brazil		1.1%	(Data for 2015)		nonuuras	Uluguay	Diazii	Argentina	Colonibia	reiu
Argentina		1.1%	Service exports as a							
El Salvador		1.0%	percentage of total country's exports	43%	24%	27%	15%	20%	17%	16%
Guatemala	C	).9%	exports							
Bolivia	0.4%		Total service exports per	\$1,522	\$317	\$879	\$165	\$322	\$150	\$195
Colombia	0.4%		capita							
Peru	0.3%		Total non-tourism services	•		•	•	•	• • •	• • •
Venezuela	0.1%		exports per capita	\$835	\$240	\$359	\$137	\$220	\$62	\$91
Paraguay	0.1%									

Source: CINDE based on data from BCCR, IMF and TRADEMAP , 2016.

Multinational companies are able to leverage specialization: COSTA RICA is the #1 exporter of high-value added services and #1 in production process sophistication in Latin America.









# A Multi-functional site for knowledge intensive services





Contact Centers		Share	d Services		Back Office
<ul> <li>Collections/legal collections</li> <li>Consecutive Interpretation</li> <li>Video remote interpreting</li> <li>Customer Service/Care (via phone, e-mail and chat)</li> <li>IT Support (Tier 1-4)</li> <li>Sales/B2B sales</li> <li>Billing</li> <li>Supply chain support</li> </ul>	<ul> <li>Financial processes</li> <li>Accounts Payable/Billing &amp; Billing Adjustments</li> <li>Accounts Receivable, Invoicing,&amp; Collections</li> <li>Auditing</li> <li>Cash Application</li> <li>Cost Accounting</li> <li>Financial Reports</li> <li>Fixed Assets</li> <li>General Ledger</li> <li>Order-to-Cash</li> <li>Purchase-to-Pay</li> <li>Record-to-Report</li> <li>Revenue Cycle</li> <li>Tax Filing and Analysis</li> <li>Treasury</li> </ul>	Human Resources: • Ex-pat Relocation & Training • Payroll • Regional Recruitment • Talent Management • Travel & Entertainment • Benefits and compensations	Global Procurement: Procurement- to-Pay Bidding Purchasing Transportation planning and execution Suppliers Inventory allocation and management Planning Forecasting/ Seasonality Materials management and planning Customer order tracking (credit hold, order processing, claims	<ul> <li>Processes Reengineering :</li> <li>Business Analysis</li> <li>Compliance &amp; Fraud Control</li> <li>Research and Data Analysis</li> <li>Business Presentation Design</li> <li>Portfolio Analysis, Investment Research</li> <li>Training</li> </ul>	<ul> <li>BPO:</li> <li>Finance &amp; accounting</li> <li>Data center operations</li> <li>IT operations (IT helpdesk, IT Security Administration, IT Application Maintenance)</li> <li>Network design</li> <li>Supply chain</li> <li>HRO: Payroll, Benefit and compensation mgmt., retirement assistance and corporate travel</li> <li>Facilities services</li> <li>Financial KPO</li> <li>Back office support:</li> <li>Presentation design, business knowledge analysis, learning services</li> <li>Report editing</li> <li>Health industry support</li> <li>Data Mining/processing</li> <li>Logistics processes (auditing freight, international freight payment transactions)</li> </ul>

# A Multi-functional site for knowledge intensive services

Digital Technologies	Digital Services	Engineering & Design	Regional Offices
<ul> <li>Banking and financial software development</li> <li>Insurance software development</li> <li>ERP programming</li> <li>Embedded software</li> <li>Software design and engineering</li> <li>Testing and development support for electronic devices (aeronautic industry)</li> <li>Back-End Programming</li> <li>Quality Assurance &amp; Testing</li> <li>Legacy System Support</li> <li>Business Intelligence</li> <li>Front-End web development and maintenance</li> <li>Mobile application and software development</li> <li>Oracle consulting (apps and ERP, hosting and support)</li> <li>Engineering support for wireless communication</li> <li>Cloud services: storage and security, cybersecurity, delivery, risk management</li> <li>Data base administration</li> </ul>	<ul> <li>Digital production: multimedia, web microsites and banner design</li> <li>Brand and marketing: content production and management (viral mkt, search engine optimization)</li> <li>Social media and marketing consultancy: intelligence, reporting, analytical thinking, creativity, social network planning and media mgmt., community mgmt., production and development)</li> <li>Animation: 3D</li> <li>Advertising: interactive and digital ad, campaign development and promotions</li> <li>E-commerce</li> <li>Creative Conceptualization</li> <li>Web Development</li> <li>Development: web and mobile (iOS and Android)</li> </ul>	<ul> <li>Application Engineering</li> <li>Orthopedic Reconstruction &amp; Design</li> <li>Arquitecture design</li> <li>Process Management engineering</li> <li>R&amp;D+i</li> </ul>	<ul> <li>Distribution of raw material</li> <li>Inventory Management</li> <li>Logistics Services</li> <li>Sales and Marketing Strategies</li> <li>Purchasing</li> <li>Treasury</li> <li>HR</li> <li>IT Services (regional and global)</li> </ul>

COSTA RICA

## Advanced Manufacturing

2011

2001

1994

2012

1963

1971 1966

1996

1979 1997

2009

2008

2006

2006

1997

2012

2000

m



### Telecommunications

GNFT
L3 Communications
Panduit
Promitel



### **Electric Assemblies** -

Eaton
General Cable Corp
Havells Sylvania

### Semiconductors 緊

Triquint / Qorvo

### **Electronic Components**

Bourns / Trimpot
Controles de Corriente
Electrotechnik
Huber+Suhner
RDF Sensors Group
Samtec
Smiths Interconnect

### **Engineering and Repair** Q<sub>o</sub>

Ingram Micro	
Teradyne	

### **Engineering, Design and Software**

$\sim$	Engineering, Design and Software	e
	Altanova	2008
	Avionyx	2005
	Emerson	2008
	Intel EDC	2011
	Intel Megalab	2014
	Intel R&D	2015
	National Instruments	2010
	Twin Engines	2006

### **Contract Manufacturers**

Camtronics
ClamCleat
General Microcircuits
Micro Technologies
Tico Electronics
Zollner Electronics

### **Clean Tech**

	EcoPlastic Solutions
E	Valu Shred
	Windpipe Corporation

### Distribution

	Future Electronics Q-Source
- <b>0</b> -	VWR ZN Fundiciones

## COSTA RICA



### **Consumer Electronics**

M	atthews International	2015
No	oxtak	2015
Pa	anasonic	1966
Sa	aco International	1995
Vi	tec / CPP	1986



1992

2012

2010 1999

1995

2013

2014

2012

2012

2014

2000

2013 2016

### Metalwork

</th <th>Daniels Manufacturing</th> <th>1992</th>	Daniels Manufacturing	1992
	Indian Global Manufacturing	2014
	Oberg Industries	2002
	Okay Industries	2012
	Olympic Machining	1996
	Refameca	2012
	Techspray (ITW)	1986
	UTITEC Inc.	2005

### Automotive

<b>~</b> 0'	AGM	1995
	Bridgestone	1967
	Daewoo Bus	1995
	Deshler Automotive Products	2008
	Firestone Industrial Products	2009
	Hutchings Automotive Products	2004
	Innovative Components	2005
	Proquinal	2004

\* Year of establishment in Costa Rica

## Medical Devices



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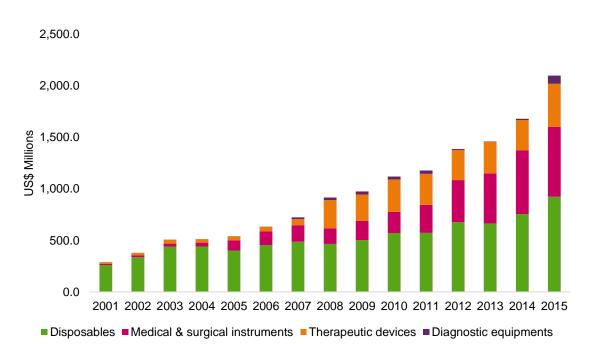
NEUROENDOVASCULAR MicroVention - Terumo NEUROMODULATION (TYO:4543) - 2011 LivaNova (LIVN) - 2012 Boston Scientific R&D - 2014 OPTICS DENTAL Align Technologies (ALGN)- 2001 Smith Sterling - 1994 Viax Dental Lab. - 2014 SURGICAL DEVICES De Royal -1996 Koros USA - 2007 CARDIOVASCULAR/ VASCULAR Abbott Vascular (ABT) - 2010 Boston Scientific (BSX) - 2009 Edwards Lifesciences (EW) - 2015 Medtronic (MDT)- 2011 St. Jude Medical (STJ) - 2010 Theragenics -2014 Volcano (VOLC)(a Philips Co.) - 2010 MEDICATION DELIVERY SYSTEMS Baxter (BAX) - 1987 Hospira (HSP) - 1999 Moog Medical (MOG.A) - 2009

CooperVision (COO) - 2012 Essilor (ESLOY) - 2015 **AESTHETICS** Allergan (AGN)-1999 Establishment Labs - 2009 ENDOSCOPY Apollo Endosurgery - 2014 Boston Scientific (BSX) 2004 Horizons Intl. 2005 WOMEN'S HEALTHCARE . Amoena - 1996 Bayer (BAYN) - 2012 Bio TD - 2012 Hologic (HOLX) - 2004 ORTHOPEDICS/ SPORT MEDICINE/ENT Smith & Nephew (SNN) - 2002 MicroPort - 2013 Wright Medical (WMGI) - 2010





# Medical Devices have increased 3x since 2007



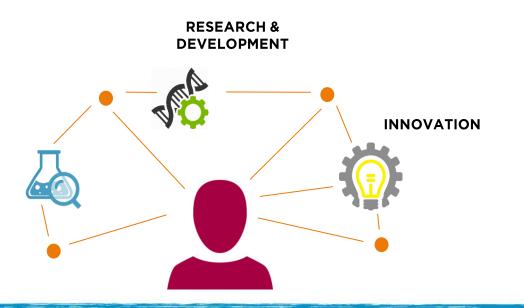
- Medical Devices was the #1 industrial export good of Costa Rica in 2015, accounting for 4% of the total GDP
- Costa Rica is the 2<sup>nd</sup> largest exporter of medical devices in Latin America and 7<sup>th</sup> importer to the USA market
- Presence of **5 global cardiovascular leaders**
- FTZ MD exports have grown an average 6% annually since 2004
- **North America is the #1 export destination** (72.8%) followed by Europe (19.3%) and other regions including Asia (6.5%)
  - **14 FTAs** signed comprising trade with 57 commercial partners

Source: CINDE based on data from Procomer and Duke University Trade Classification, 2015.

Note: % of exports of Precision and Medical Equipment.

# MedTech Innovation is in our DNA

**Over 15% percent** of MedTech companies in Costa Rica are engaged in R&D: sustaining engineering, development and related processes to support local operations and programs with R&D corporate.







### Main performed activities:

- Concept design
- Prototyping
- 3D Prototypes
- Design for manufacturability (DFM)
- Embedded software development
- Modeling & Simulation
- Process development
- On-market R&D support
- Product testing, verification & validation
- Protocol validation & verification
- Regulatory submission and documentation
- Sustaining engineering and R&D
- Tool making

Scientifi





Source: Cinde data based on aggregate MedTech companies's information (2016)

### SUPPLIERS BY SERVICES AND PRODUCTS





### CONTRACT MANUFACTURING SERVIC

8 Contract Manufacturers providing from concept and design to manufacturing, assembly, packaging and supply chain and sterilization management.

### ELECTRONIC MANUFACTURING SERVICES

+19 Vendors offer from component manufacturing including harnesses, sensors, passive & active components, connectors and cables, switches to full manufacturing services of PB Board assembly, electro-mechanical assembly and other electronic like technologies.

## **ELECTRONICS**

+23 Tool Shoops making precision components. device & instrument subassemblies for Orthopedic, Spine, Cardiovascular and other applications using CNC turning and milling, Swiss machining, EDM, laser welding, marking and cutting, grinding, stamping, heat treatment, mold fabrication, repairs, etc.

## **STERILIZATION**

Steris and Sterigenics offering E-Beam & EO services, biological indicators test and distribution.

### MOLDING

7 Suppliers capable of providing plastic and silicone molding, insert molding, over molding, sheeting, among other services in a clean room environment.



3 Vendors offering medical grade tubing such as single lumen, multi lumen, shrink tubing, braided reinforced and profiles in both silicone and plastic.

And a strong international supplier base for MedTech & High-Tech Manufacturing Companies

### MANDRELS AND WIRES



4 Strategic Suppliers offer profile and surface grinding, deburring, coiling, coil winding, wire forming, electro polishing, machining, among other services.

## SPECIAL COATINGS

3 Providers of PTFE, Parylene, Electrodeposition and other types of coating required by the industry.

### PACKAGING SOLUTIONS & PRINTED MATERIALS

### +12 Vendors

Services include: corrugated boxes. pouches, plastic bags, trays, folding cartons, coil dispensers, labels, IFUs, inserts, etc.



+11 Vendors offering electro polishing, plating, coating, texturing, anodizing, passivation, heat treatment, laser marking, grinding.

### CLEAN ROOM SERVICES & SUPPLIES

### 18 Vendors

Services include: consumables, certified laundry, janitorial & cleaning, chemicals, equipment, among others.



+12 Providers offering gauging & calibration, microbiology tests, validation tests, process validation, etc.



Increasing productivity that allows companies to grow with the right talent



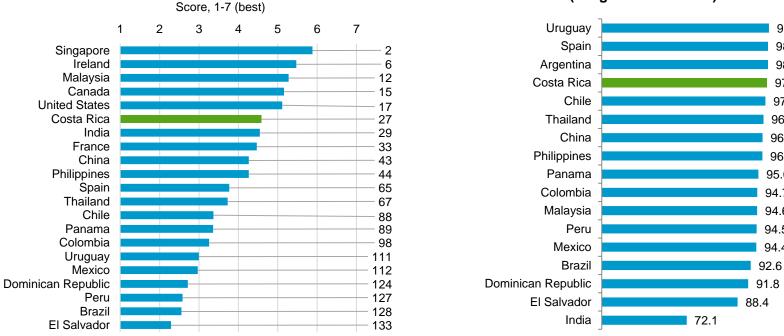






Our education system is #1 in Latin America 27<sup>th</sup> in the world above France, India, China, and Philippines among others

### Quality of the education system World Ranking



### Adult Literacy Rate (% ages 15 and older)

RICA

98.4

98.1

98.1

97.8

97.3

96.7

96.4

96.3

95.0

94.7

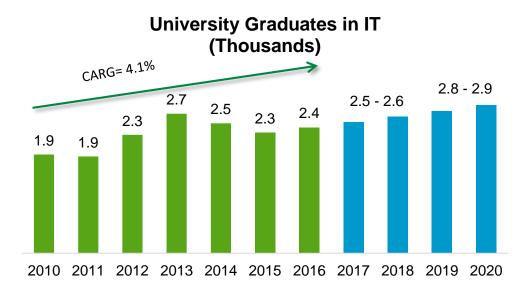
94.6

94.5

94.4

Source: World Economic Forum, Executive Opinion Survey. The Global Competitiveness Report 2016 - 2017. Source: Human Development Report, 2016.

# University graduates in Software and Informatics



# Some major programs such as:

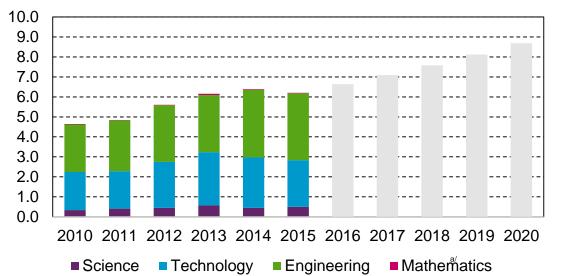
- Applied Mathematics
- Computer Informatics
- Software Development
- Software Engineering

### The number has grown at an annual rate of 4.1%





# University graduates in STEM related majors & Top quality in Math & Science



## STEM graduates

6.0%: growth rate of STEM graduates since 2010

**#1** in Quality of math and science education (WEF 2016-17)

Source: CINDE based on data from CONARE, 2016

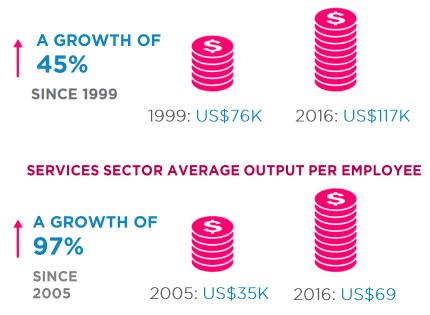
**Notes:** <sup>a/</sup> includes Statistics. 2016-2020 Forecast

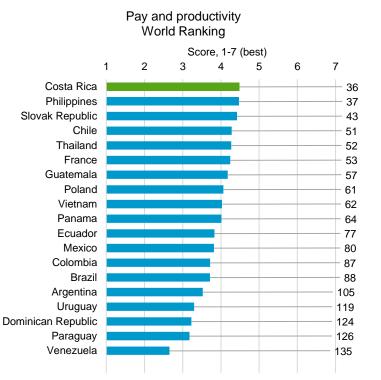
# The best results between pay and productivity in Latam











Source: CINDE based on data from Procomer. World Economic Forum. 2016-2017





Costa Rica: country with a young workforce. 36% of the population is between 15 to 35 years old

(INEC, 2016)

Impressive **546%** increase in university graduates between 1993 and 2015

(CINDE, 2016)

Third in Latin America and 27<sup>th</sup> worldwide in talent retention

(WEF, 2016-17)

# THE RIGHT CONDITIONS

# Qualified human resources

1<sup>st</sup> in availability of research & training services

2<sup>nd</sup> in Engineers and Scientists in Latin America

(WEF, 2016-17)

Costa Rica is considered a country with a high **human** development worldwide

**English proficiency in** 

Latin America

Second in TOEFL

(ETS, 2016)

(United Nations, 2015)

2<sup>nd</sup> in Quality of scientific research institutions in Latin America

(WEF, 2016-17)

Costa Rica is second in the social progress index in Latin America (Social Progress Imperative, Social Progress Index 2016)

1<sup>st</sup> in Innovation in Latin America (WEF, 2016-17)

# 4. An ideal location to reach the Americas... and the World.









# Costa Rica A top access point to the Americas and the world

Same time zone as USA

Travel from CR to USA in less time than it takes to make a flight from NY to CA: more than 1,130 weekly flights worldwide.

Ports in the Pacific & Atlantic:

- Easily reach the West or Eastern seaboards in the US or the EU.
- Quickly access Latin America's main markets.

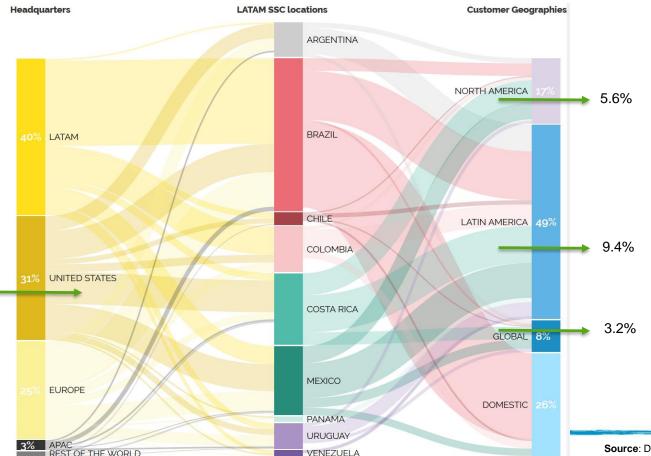


**COSTA RICA** 

# An experienced partner for value-added services in Latin America







- Costa Rica is the regional leader in services deliver to: North America Latin America Global
- Same time zone as USA
- Travel from CR to USA in less time than it takes to make a flight from NY to CA: more than 1,130 weekly flights worldwide.

Source: DART Institute, 2016. Shared Services Network - Americas.



# Your company will have exceptional access to the world's greatest markets

- Market access: 2.5 billion people and 66% of worldwide GDP
- 93.4% of exports of goods covered by signed FTAs which provide access to 57 trade partners
- Investment Promotion and Protection Agreements with 14 countries
- Costa Rica ranks 2<sup>nd</sup> among Latin American countries in the Enabling Trade Index. World Economic Forum, 2014



Preferential access

# 5.

Stability, innovation and a proven international competitiveness provide the right climate for success





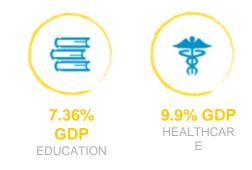


# The right conditions: Stability





A record 120 years of solid democracy, economic and political stability, and no army since 1948, allows Costa Rica to direct resources where it matters most:



## The result:

A winning formula for business development.







# The most competitive tax incentives in the region to reach true Return on Investment (ROI)

Service Projects & Manufacturing Projects\*



# In all cases, multiple additional **8-year renewal** periods may be granted if **significant reinvestment** is made.

\*NOTE: Manufacturing companies with an investment that exceeds US\$10 million and 100 employees, established under the Free Trade Zone Regime. For smaller manufacturing operations, companies will pay a preferential 6% income tax rate for 8 years and 15% for another 4-year period (statutory income tax 30%).



# The most competitive tax incentives in the region to reach true Return on Investment (ROI)

### **All Investment Sectors\***

	No Expiration Period	10 Year Period*
0 % taxes on	<ul> <li>Custom duties on imports/exports</li> <li>Withholding tax on royalties, fees</li> <li>Interest income</li> <li>Sales tax on local purchases of goods/service</li> <li>Stamp duty</li> </ul>	Property Transfer Taxes

Investment in depreciable fixed assets (land is not included). Company must comply with an investment plan to be accomplished between 1 and 8 years; which could be reached at any time during the 8 year period. Upon completion, PROCOMER will verify the \$10MM investment in fixed assets according to its value in books for the current fiscal year. Additionally, once the company has complied with the investment plan, the company must maintain the fixed assets which were part of the plan. Substitution of the fixed assets is permitted only if the new depreciable assets have the same value in books as the fixed asset to be replaced when the investment plan was completed.



# Costa Rica: Your strategic partner for knowledge-intensive services & High-Tech manufacturing



1<sup>st</sup> Country for future FDI in Central America and the Caribbean

Financial Times: FDI Intelligence, 2015-2016



1<sup>st</sup> Outsourcing City in Latin America (San Jose) Top 100 Outsourcing Destinations 2016, Tholons



The top choice among Latin America countries for establishing a Global Business Services Center The Hackett Group, 2013



San Jose is the best hub for Life Sciences, Electronics Manufacturing, Business and Financial Services; and Information and Technology in Latin America The World's Most Competitive Cities 2015, Conway



## Top seven City for future FDI in Latin America (Heredia)

Financial Times: FDI Intelligence, 2015-2016



# Costa Rica is among the top 5 Global Best to Invest countries in Latin America

The Global Best to Invest, Site Selection Magazine 2016.



# CINDE: Costa Rican Investment Promotion Agency

- Private, non-profit, non-political organization, founded in 1982
- All services are provided free of charge.
- Declared of public interest by the Costa Rican Government in 1984
- Active promotion of foreign investment, local support, and postestablishment services
- Extensive experience in strategic sectors such as Life Sciences, Advanced Manufacturing, Services, Clean Technologies-Renewable Energy, Food Industry, Light Manufacturing and other projects.
- CINDE ranks 1<sup>st</sup> in Investment Promotion Agencies in Latin America & Caribbean (Global Best to Invest Report, Site Selection Magazine 2016)









Learn more about investing in Costa Rica

# www.cinde.org

Toll free number from US: 1-877-992-4633

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