



Evaluation of the ESA Contribution Program

About the evaluation

The evaluation covers a five-years period, from April 1, 2013 to March 31, 2018, and examines the **relevance and performance** of the ESA Contribution Program (ESA-CP).

Conducted by PRA Inc. on behalf of the CSA between January and October 2018 in accordance with the Treasury Board of Canada's *Policy on Results (2016)*.

The evaluation used a **mixed-methods approach** that combined **qualitative and quantitative analyses** including :

- Document, performance and financial data review
- Key Informant Interviews
- Case studies

What is the ESA-CP?

The fundamental purpose of the ESA-CP is to allow Canadian entities, predominantly the Canadian space industry, to participate in **space missions and activities undertaken by the European Space Agency (ESA)**.

The program aims to enhance the capacity of the Canadian space sector through the **development of space expertise** in Canada (including the training of highly qualified personnel), the **support to research and development activities** in targeted space areas, and the **access for the Canadian space sector to a broad range of international markets**. The ESA-CP is targeting directly the European market, which in turn, may open up opportunities in other international market.

What have we learned?

The cooperation agreement between Canada and ESA, and the ESA-CP that supports the implementation of the agreement, **are critical means** by which the Canadian space sector can maintain a meaningful engagement in space activities in Europe.

The **strategic information and data** provided through ESA-CP help key Canadian stakeholders to **monitor trends in Europe** and include this intelligence in the planning of their own activities.

During the evaluation period, the CSA has **improved its consultation process** in support of the meeting of the ESA Council at the Ministerial Level, which establishes funding priorities.



How can we improve the program ?

CSA could provide opportunities for the Canadian space sector to gather (physically or virtually) to **share insights** on working within the ESA context, and how to **maximize the benefits** of such participation. This would be particularly beneficial for new entrants.





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168 Contracts

signed by ESA with the Canadian space sector during the evaluation period.

41 Companies

15 Universities

2 Federal departments



€75.8 million\$
in **contract values** associated to ESA projects over the evaluation period



1/4 of all export revenues of the Canadian space sector comes from the European market

Distribution of ESA contracts to the Canadian space sector (April 1st 2013 to March 31st, 2018)

Microgravity and Human space flight	• 21 contracts • € 26,990,683
Telecommunication and Navigation	• 30 contracts • € 15,473,173
Earth Observation	• 77 contracts • € 14,453,939
Mandatory programs and activities	• 22 contracts • €10,687,379
Others (incl. not assigned)	• 18 contracts • € 8,210,470

\$0,73

received by the Canadian space sector for each dollar invested by the CSA with ESA- CP