



CANADA FOUNDATION FOR INNOVATION

2020 Innovation Fund

Strengths and Weaknesses Analysis

December 2021

Strengths and Weaknesses Analysis (Expert Committee)

Major weaknesses – 2020 IF

1. Lack of details on methodology
2. Feasibility of the approach
3. Not innovative
4. Research plan lacks focus
5. Missing expertise
6. Missing evidence for track record of investment
7. Infrastructure not well justified
8. Issues regarding governance or management plan
9. Weak plan for technology transfer/clinical transfer/knowledge mobilization

Major Strengths – 2020 IF

1. Outstanding research track record
2. Innovative research program
3. Impressive breadth and depth of expertise
4. Team leads the field internationally
5. Investments in people
6. Rare, world-class infrastructure
7. Strong governance/oversight plans
8. Strong O&M plan

Strengths and Weaknesses Analysis (MAC)

Major weaknesses – 2020 IF

1. Lack of detail for RTD
2. Feasibility of the approach
3. Missing expertise
4. Not innovative
5. Weak justification for infrastructure
6. Weak plan for technology transfer/clinical transfer/knowledge mobilization
7. Sustainability planning
8. Management/governance/access plan
9. Overstated/weak benefits

Major Strengths – 2020 IF

1. Leading-edge and innovative research in area of global leadership
2. Leading researchers
3. Unique infrastructure
4. Integrated into sustainable existing facility
5. Strong plan for technology transfer/clinical transfer/knowledge mobilization
6. Unique HQP opportunities

Expert Committee Strengths

Research or Technology Development

13 %

- Highly innovative

11%

- Leads the field internationally

9%

- Strong breakthrough potential

Team

22%

- Outstanding research track record

17%

- Impressive breadth and depth of expertise

11%

- Strong track record of collaboration

9%

- Team includes established and emerging leaders

9%

- Strong leadership

Expert Committee Strengths (continued)

Research Capacity

17%

- Extensive investment in world-class infrastructure

11%

- Significant investments in people

9%

- Significant financial support from institution

7%

- Well aligned with institutional strategy

Infrastructure

8%

- Does not exceed the standard

4 %

- Unique facility in Canada

3%

- Timely investment in infrastructure

Expert Committee Strengths (continued)

Sustainability

4%

- Strong governance/oversight plan

4%

- Strong O&M plan

3%

- Integrated to existing facilities with proven TR of sustainable operations

Benefits

15%

- High importance to Canada

12%

- Credible and proven pathways to benefits

7%

- Strong track record of training HQP

Expert Committee Weaknesses

Research or Technology Development

39%

- Lack of details on methodology

23%

- Feasibility of approach

16%

- Research program is not innovative

16%

- Research program is not integrated or lacks focus

14%

- Lack of overall details on research program

Team

38%

- Missing expertise or critical mass of experts

10%

- Missing details on roles

9%

- Missing details on collaboration

Expert Committee Weaknesses (continued)

Research Capacity

13%

- Missing evidence of track record of investment

4%

- Unclear commitment from institution

Infrastructure

42%

- Not well justified / not connected to RTD / wrong equipment

12%

- Missing infrastructure development/implementation plan

12%

- Missing detail on similar/existing infrastructure

8%

- Not enough equipment requested based on research program

Expert Committee Weaknesses (continued)

Sustainability

27%

- Infrastructure access or data management plan missing

22%

- Weak governance/management structure

21%

- Missing contingency planning

21%

- Missing planning for equipment life/warranty beyond 5 years

15%

- Costs/revenues not detailed

10%

- Estimated O&M costs too low

Benefits to Canadians

27%

- Weak plan for technology transfer/clinical transfer/knowledge mobilization

17%

- Missing details of benefits

9%

- Overstated impact

8%

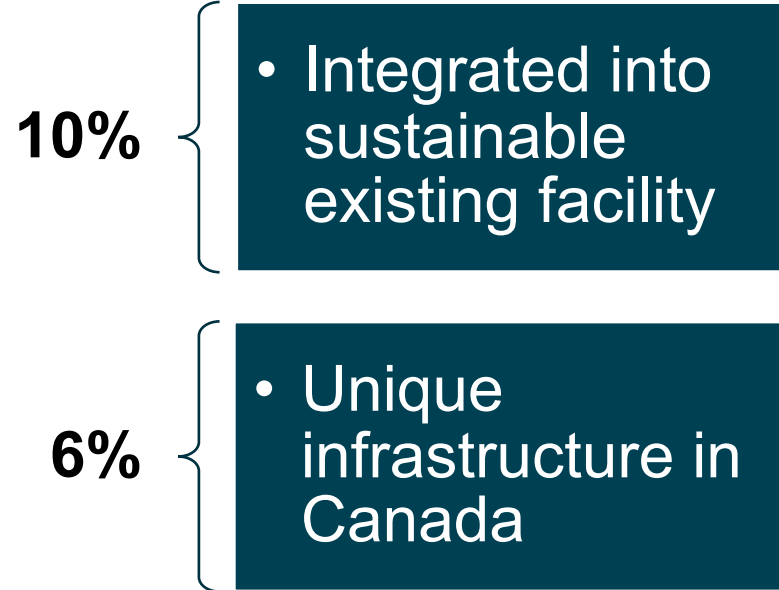
- HQP plan not well detailed

MAC Strengths

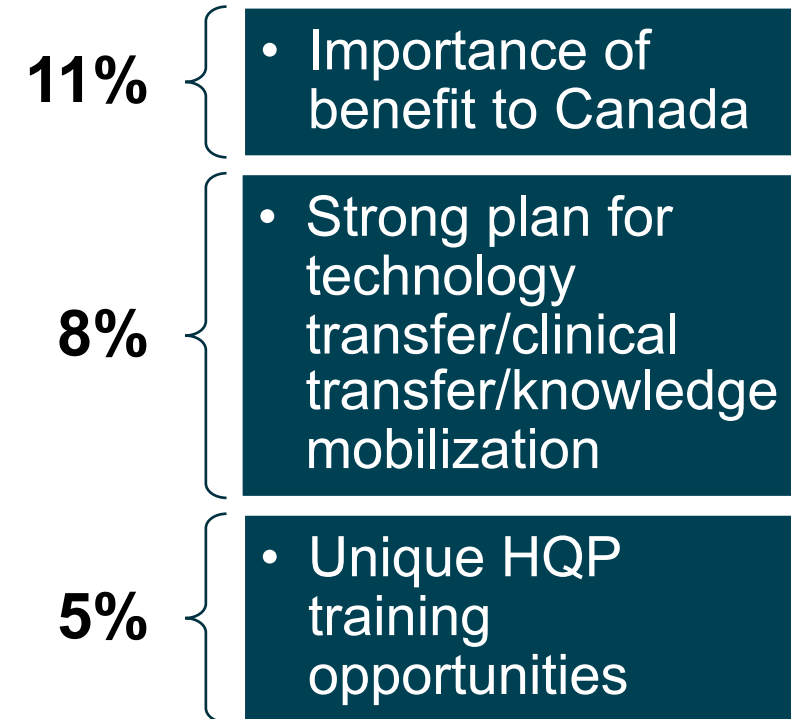
Objective 1: Global Leadership



Objective 2: Enhance Research Capacity

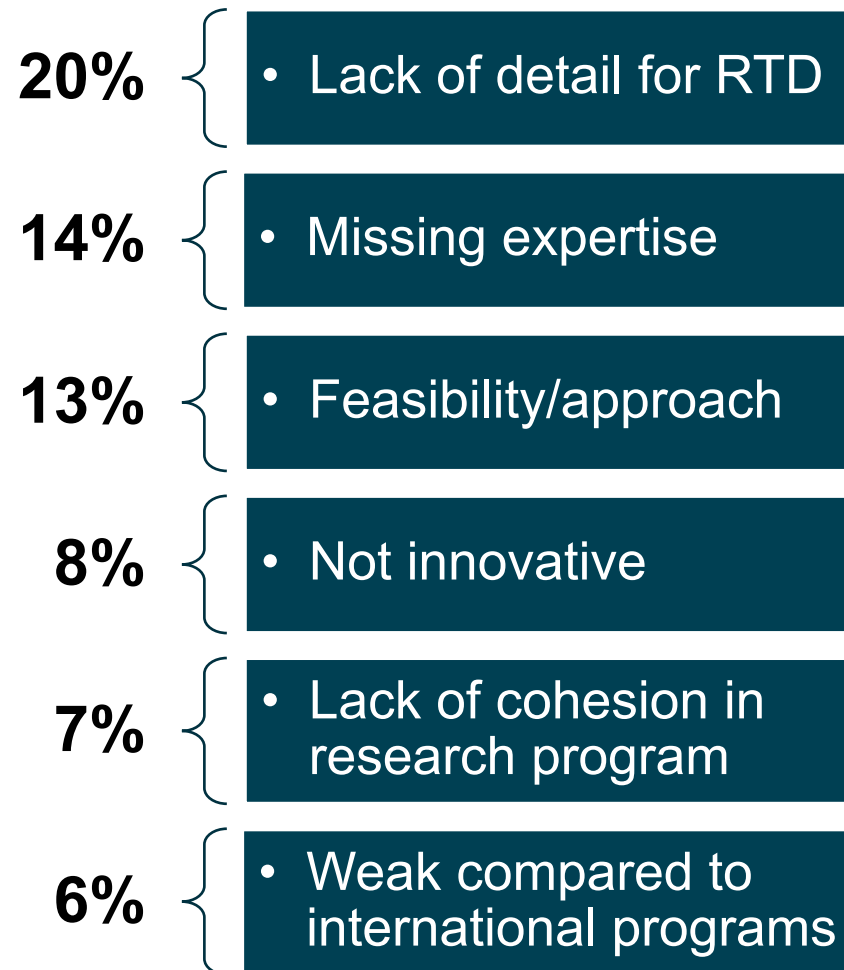


Objective 3: Benefits to Canadian

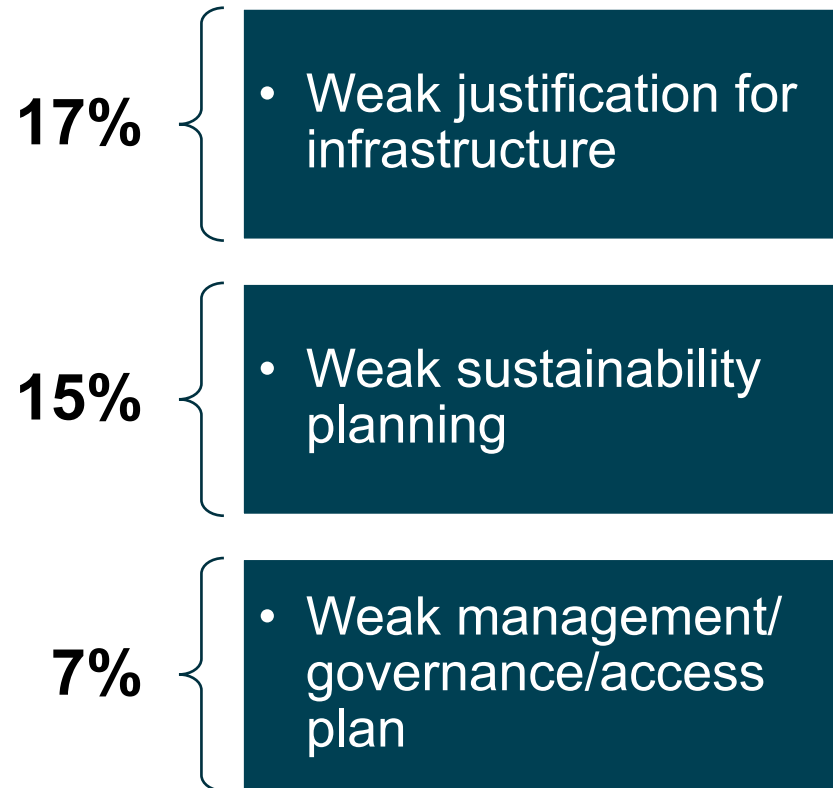


MAC Weaknesses

Objective 1: Global Leadership



Objective 2: Enhance Research Capacity



Objective 3: Benefits to Canadian

