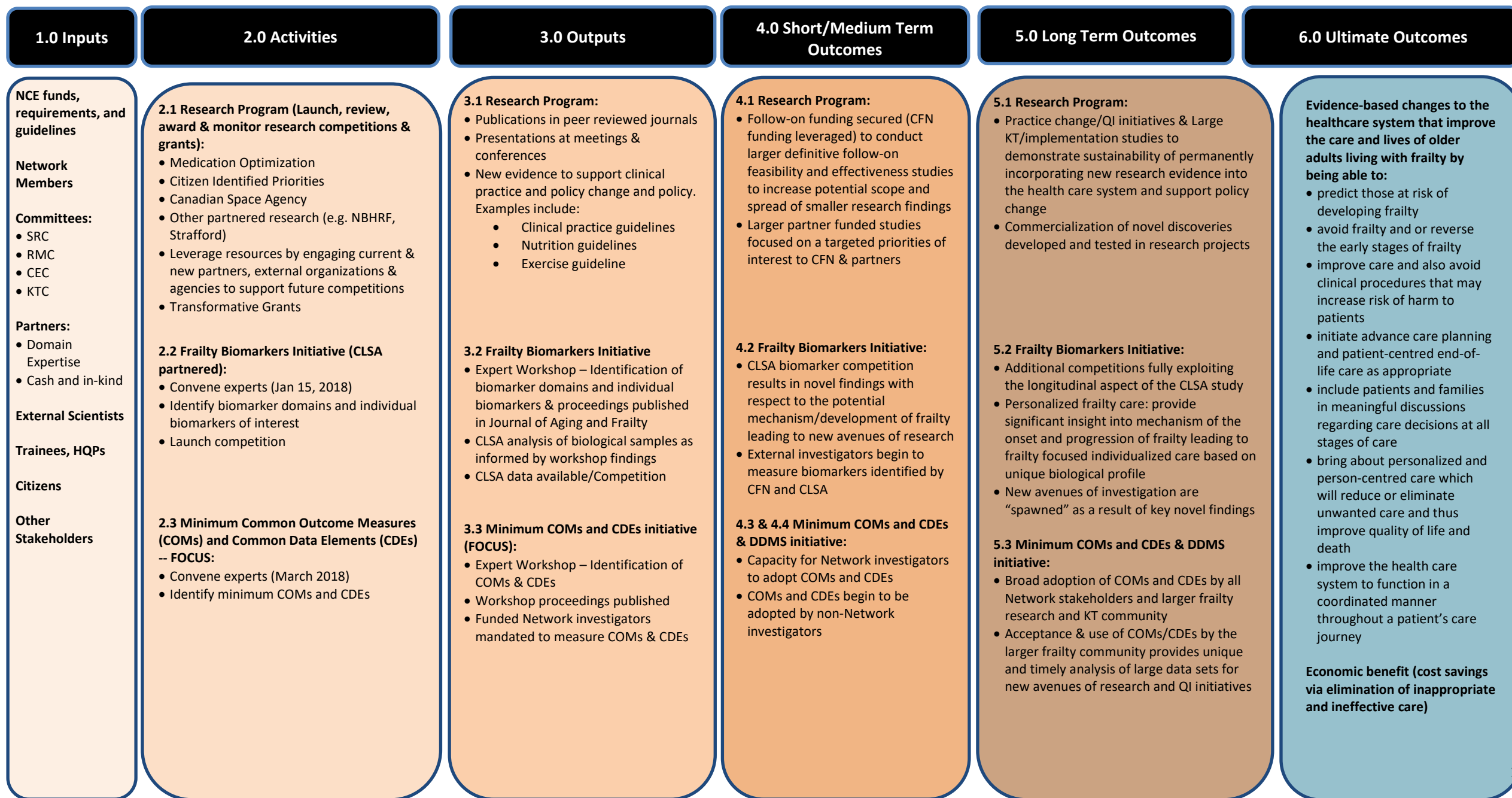


Canadian Frailty Network – Research - Advance Knowledge

LOGIC MODEL



Canadian Frailty Network – Research - Advance Knowledge
PERFORMANCE MEASUREMENTS

Output Measurements

Research Program:

- Number and quality of publications in peer reviewed journals (number of articles, impact factor, Altmetrics/number of citations*, number of frailty publications, top ranked general journals and aging journals)
- Number and reach of social media/press mentions
- Number of talks at national/international-meetings/conferences
- Number of investigators funded by CFN (PIs, CoIs) and breadth of disciplines involved in CFN research
- Number of new practices, guidelines, methodology etc. developed and existing ones improved and new uses developed
- partnership \$, cash/in-kind secured, sectors represented

Frailty Biomarkers Initiative.

- International Workshop on Jan 15th 2018
- Published proceedings of workshop in Journal of Aging and Frailty with social media/op-ed/selected news media promotion – number of social media mentions, Altmetrics score, op-ed pick-up numbers and quality, media requests, speaking invitations
- CLSA analysis of biological samples as informed by workshop findings
- Launch of CLSA biomarkers competition for data access
- New research collaborations with Frailomic.org and SPRINTT

Minimum Common Outcome Measures (COMs) and Common Data Elements (CDEs) initiative (FOCUS).

- International Workshop on March 4th 2018
- Published proceedings of workshop in Journal of Aging and Frailty – similar communications and output measurements as above

Short to Medium Term Outcome Measurements

Research Program:

- Number of follow-on grants awarded to Network investigators to conduct larger definitive feasibility and effectiveness studies to increase potential scope and spread of smaller research findings. This includes measuring the magnitude of original CFN research funding leverage.
- Number of larger follow-on QI and practice change initiatives funded as a result of CFN funding
- Number of larger partner funded studies focused on targeted priorities of mutual interest
- Number of new research studies as a result of novel findings

Frailty Biomarkers Initiative:

- CLSA biomarker competition/novel findings leads to new innovative research studies by Network investigators studying unknown aspects of frailty biology
- Frequency of citations of proceedings, Altmetrics score, media coverage
- New external biology of frailty research programs* and partner funding opportunities are created

Minimum COMs and CDEs initiative (FOCUS):

- Number of Network and non-Network investigators begin to utilize COMs and CDEs in their studies
- Frequency of citations of proceedings and systematic review, Altmetrics score

Long Term Outcome Measurements

Research Program:

- Number of large KT/implementation studies to demonstrate sustainability of permanently incorporating new research evidence into the health care system and support policy change
- Number of large scale and scope QI and practice change initiatives being implemented and number of jurisdictions

Frailty Biomarkers Initiative:

- Biomarker analysis of CLSA samples is sustainable based on novel findings and increased partner interest
- New diagnostic, prognostic and predictive tests/assays are developed and utilized to inform practice
- Commercialization of products based evidence from biomarker initiative

Minimum COMs and CDEs initiative (FOCUS):

- Number of Network and non-Network investigators fully utilize COMs and CDEs in their studies
- Number of novel analysis and findings (publications) by all Network stakeholders and larger frailty research and KT community

Note: At this time target numbers for output and outcome measures have not been stated. Quantity and quality of outputs and outcomes will be considered as we move forward.