



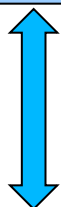
Proposed EDGE methodology on
measuring entrepreneurship from
a gender perspective:
conceptual framework and key
indicators



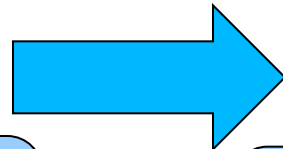
EDGE conceptual framework

Determinants

Motivations and aspirations

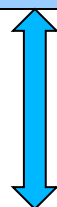


Entrepreneurial resources and constraints



Outcomes

Entrepreneurial participation



Enterprise performance



Impact

Employment creation



Growth with poverty reduction



Women's empowerment

EDGE indicators on entrepreneurship

Analysis



Motivations and aspirations

- EDGE focus on how “entrepreneurial culture” shapes gender gaps in entrepreneurship
 - Motivations for starting an enterprise
 - Mode of acquisition of enterprise
 - Growth aspirations

Proposed indicators: motivations and aspirations, by sex



Indicator	Data Source	Current Availability
A1. Percentage of necessity entrepreneurs	Household survey (primary); enterprise survey (supplemental)	In unofficial data (GEM) and micro-enterprise surveys for a few countries
A2. Percentage of entrepreneurs who were unemployed before starting enterprise	Household survey (primary); enterprise survey (supplemental)	Household surveys can provide information on previous economic activity.
A3. Percentage of enterprise founders	Household survey or Enterprise-level data	Few countries, in surveys of owners (US SBO, Mexico ENAMIN)
A4. Percentage of entrepreneurs satisfied with size of enterprise	Household survey (primary); enterprise survey (supplemental)	Few countries in micro-enterprise surveys

Entrepreneurial resources and constraints



- EDGE focus on self-reported “soft” and “hard” resources for starting/growing enterprise and constraints faced during start-up/management process:
 - Skills and management experience of entrepreneur
 - Income available to invest in enterprise
 - Access to credit
 - Time available to invest in enterprise
 - Support networks

Proposed indicators: entrepreneurial resources and constraints, by sex



Indicator	Data Source	Current Availability
B1. Percentage of entrepreneurs who completed secondary or higher education	HH survey (primary), Enterprise-level data (supplemental)	Yes, in household and labour force surveys and population censuses
B2. Percentage of entrepreneurs who received training or education on starting an enterprise	HH survey	Few microenterprise surveys (Mexico ENAMIN)
B3. Percentage of founders who used credit from banks to start enterprise	Enterprise-level data or HH surveys	WB Enterprise Survey, few firm-level, microenterprise surveys
B4. Percentage of entrepreneurs who used credit from banks to finance operating investments	Enterprise-level data or HH surveys	WB Enterprise Survey

Proposed indicators: entrepreneurial resources and constraints, by sex (cont'd.)



Indicator	Data Source	Current Availability
B5. Percentage of entrepreneurs identifying access to finance as major constraint for enterprise growth	HH survey (primary), Enterprise-level data (supplemental)	Few microenterprise surveys and firm-level surveys (France SINE)
B6. Percentage of entrepreneurs identifying lack of time as major constraint for enterprise growth	HH survey (primary), Enterprise-level data (supplemental)	In few micro-enterprise surveys
B7. Average hours spent working on business per week	HH survey (primary), Enterprise-level data (supplemental)	Yes, in household and labour force surveys
B8. Percentage of entrepreneurs who regularly receive managerial advice, by source of advice	Household survey	Not available



Entrepreneurial participation

- Most important objective of international data collection on women's entrepreneurship is to **produce a reliable and comparable measure of the number of men and women entrepreneurs.**
- EDGE focus on identifying a metric that is:
 - easily and similarly understood across different development contexts
 - easy to produce via light modifications to extant data collection instruments

Proposed indicators: entrepreneurial participation, by sex



Indicator	Data Source	Current Availability
C1. Percentage of adult population who are entrepreneurs	Household survey or population census (primary), Enterprise-level data (supplemental)	Yes, in household and labour force surveys and population censuses
C2. Percentage of entrepreneurs, by size of enterprise and economic activity	Household survey or population census (primary), Enterprise-level data (supplemental)	Yes, in household and labour force surveys and population censuses
C3. Percentage of women who are main owners and managers of enterprise, by size of enterprise	Household survey and Enterprise-level data	Not available, with limited exceptions (US SBO)

Proposed indicators: entrepreneurial participation, by sex (cont'd.)



Indicator	Data Source	Current Availability
C4. Percentage of Enterprise owned by women, by size of enterprise and activity	Enterprise-level data (primary), household survey (supplemental)	WB Enterprise Survey for most countries
C5. Percentage of women among owners of unregistered enterprises	Household survey	From household, labour force and micro-enterprise surveys but only for a few countries
C6. Percentage of enterprises registered by women	Administrative data	Not available, with limited exceptions (Germany)



Enterprise performance

- Performance is traditionally proxied by longitudinal indicators measuring growth path of enterprise
 - Requires highly developed infrastructure of longitudinal data
- EDGE focus is on performance indicators that can be more easily produced via cross-sectional surveys
- Challenges include:
 - Identifying a single concept of business earnings
 - Assessing best approach for measuring earnings
 - Apportioning share of profits in multi-owner enterprises

Proposed indicators: enterprise performance, by sex of owner



Indicator	Data Source	Current Availability
D1. Gender gap in earnings from enterprise	Household survey or Enterprise-level data	Often only for unincorporated self-employed in household surveys, and in few micro-enterprise surveys
D2. Gender gap in enterprise turnover	Enterprise-level data (primary), household survey (supplemental)	WB Enterprise Survey and a few micro-enterprise surveys
D3. Percentage of enterprises with employment growth	Enterprise-level data (primary), household survey (supplemental)	Not available

Proposed indicators: enterprise performance, by sex of owner (cont'd.)



Indicator	Data Source	Current Availability
D4. Percentage of innovating enterprises, by type of innovation	Enterprise-level survey	Available only in few Enterprise-level surveys (France SINE)
D5. Percentage of exporting enterprises	Enterprise-level survey	Non-official data (GEM), few micro-enterprise surveys, WB Enterprise Survey
D6. Average age of enterprise	Household survey or Enterprise-level data	Enterprise surveys
D7. Job satisfaction of entrepreneur	Household survey	Not available