



DEVELOPMENT IMPACT EVALUATION



WORLD BANK GROUP



Norad



ABOUT DIME

The World Bank's Development Impact Evaluation (DIME) group **generates high-quality and operationally relevant data and research to transform development policy**, help reduce extreme poverty, and secure shared prosperity. It develops customized data and evidence ecosystems to **produce actionable information and recommend specific policy pathways to maximize impact**. The work is based on a co-production model aimed at transferring capacity and know-how to partners to make mid-course corrections and scale up successful policy instruments to achieve policy outcomes. These corrections increase the rate of return of underlying investments by large margins, far exceeding the costs of the research. The group **conducts research** in 60 countries with 200 agencies leveraging a \$180M research budget against \$18B in development finance. It also **provides advisory services** to 30 multilateral and bilateral development agencies in the world. Finally, DIME **invests in public goods to improve the quality and reproducibility of development research** around the world. From DIME Wiki to toolkits, training and summer schools, DIME is servicing the global community of researchers and, in so doing, **improving the quality of global policy advice**.



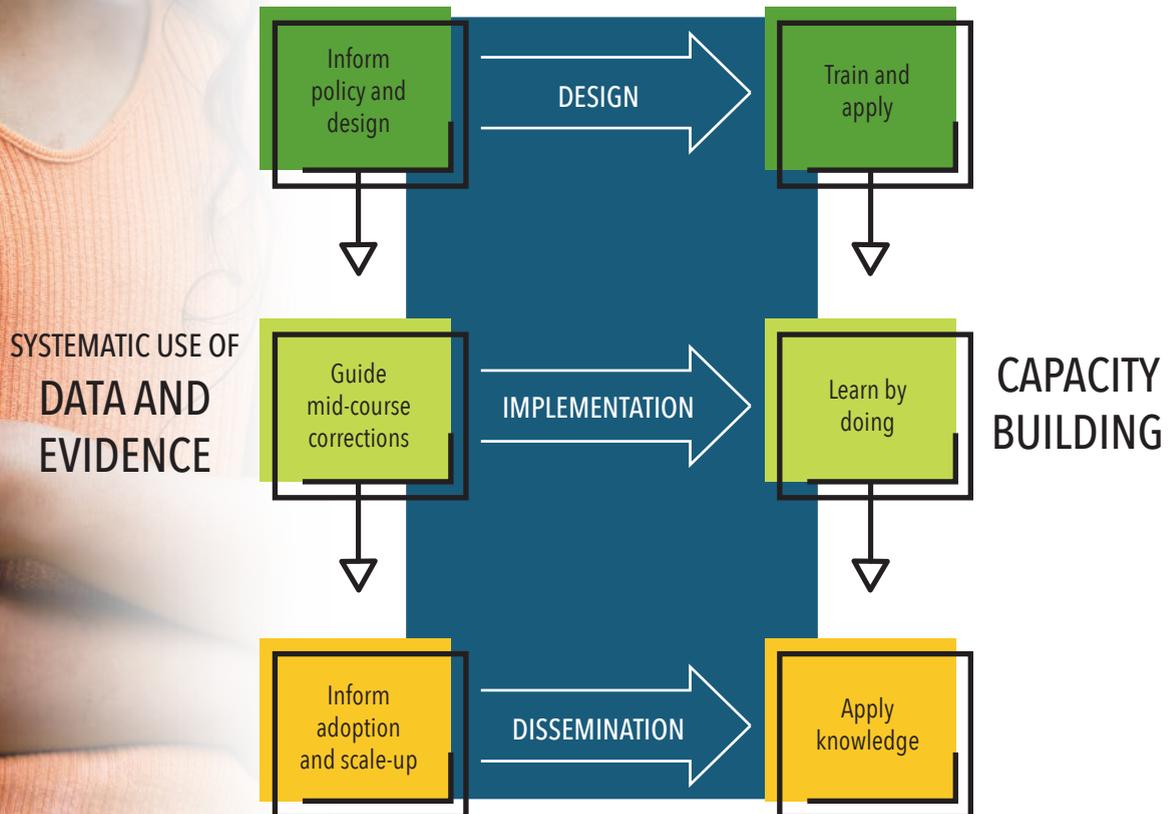
<http://dime.worldbank.org>

<https://dimewiki.worldbank.org/>

DIME MODEL

DIME adopts a programmatic approach to evidence-based policymaking to increase economies of scale in research and learning. It bridges the gap between research and practice by engaging government counterparts in every phase of the policy cycle and building their capacity to make systematic use of data and evidence. DIME embeds machine learning, events studies and experimental research to iteratively push policy interventions towards their efficient frontier, increasing cost-effectiveness and value for money.

IMPACT EVALUATION PRODUCTS



BUILDING DATA SYSTEMS

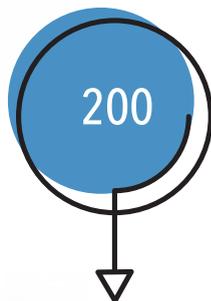


The main ingredients for evidence-based decision making are data and the capacity to transform it into useful information. Unfortunately, reliable data remain scarce, inexistent, or when available, not utilized. The use of experiments to guide policy action is constrained by setup and data costs. This implies that policies affecting millions of lives around the globe are often based on best guesses. DIME's effort to promote the use of high quality data

and rigorous evidence for transforming development practice involves generation, integration, and creative use of data analysis to guide policies. Thus, DIME builds governments' capacity in developing data systems, leveraging innovations in digital data collection tools, remote sensing techniques, and big data processing. The goal is to construct improved data infrastructure and increase the rate and frequency of experimentation and knowledge generation.



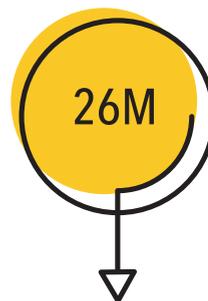
OUR WORK



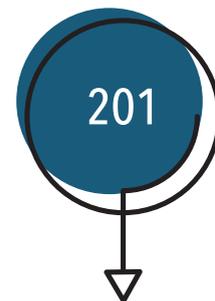
More than 200 engagements in 60 countries.



\$180 Million research program, leveraging **\$18 Billion in lending.**

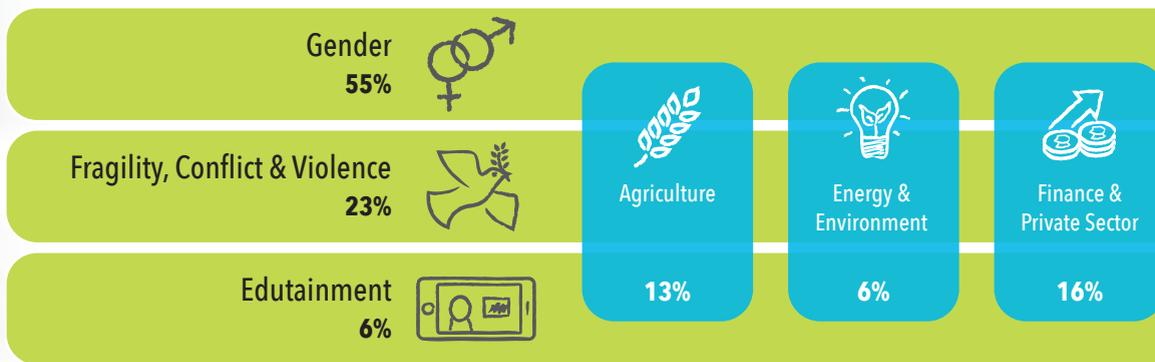


Households benefited from research.



Products delivered to clients.

i2i Cross-Cutting Themes | Thematic Pillars



The DIME team

ITERATIVE IMPACT EVALUATION

To obtain actionable and precise answers to the important questions policy makers put forth, DIME applies rigorous scientific methods of enquiry. This is imperative to steer policy in the right direction and do no harm to the people whose lives we want to improve. Impact evaluation methods are employed to identify the causal link between interventions and their effects. We use multi-arm randomized controlled trials (RCT) in 80 percent of IEs and we complement these RCTs with other causal inference methods. We embed analytical thinking at all stages of collaboration with country partners to constantly and iteratively suggest ways to improve and maximize the impact of development policies and interventions.

229

526

New databases created.

Events training more than 3,000 people.

Annual municipal performance map, Burkina Faso



Governance

17%



Health, Education,
Water/Sanitation &
Social Protection

26%



Transport &
Digital
Development

13%



Urban

9%



Change in rent associated
with new Bus Rapid Transit
line in Dar es Salaam

DIME ANALYTICS

The DIME Analytics team ensures that all DIME work is held to the highest standard of transparency and reproducibility, and provides public training and tools for the global community of development researchers. DIME's main contributions to the global public goods for development research include: the **DIME Wiki**, a one-stop shop for practical guidance and resources on impact evaluation research; **ietoolkit**, a Stata package featuring commands to routinize common impact evaluation data tasks; and **Manage Successful Impact Evaluations**, an annual 5-day hands-on course designed to improve the skills and knowledge of impact evaluation practitioners.

STATE OF THE ART MONITORING SYSTEM

DIME's state of the art monitoring system, MyIE, tracks the evolution and progress of the IE portfolio. MyIE monitors over 200 indicators covering profile and status, evaluation design, data collection aspects, monitoring and quality indicators, counterpart details, influence on programs and policies and produced documentation. This tracks how our portfolio is performing over time. The monitoring system is the only IE tracking system of its kind — it responds to growing demand for documentation of results and policy influence and could be a platform for monitoring IEs globally.



POLICY INFLUENCE

Understanding when, where, and how policy is influenced by our research is a priority for DIME. We measure policy influence through yearly surveys of internal and external clients to collect detailed information on when and how IE data and evidence was used to affect their decisions. The results confirm that DIME IEs have a huge influence on policy decisions and that those decisions have important economic value.

Government officials say they used the IE to...

THE POWER OF IMPACT EVALUATIONS

DIME's yearly surveys show that our approach secures an enormous amount of policy influence, with clients identifying at least four major decisions per project having been guided by data and evidence from the impact evaluation.

...improve their monitoring and evaluation function (better indicators, more capacity, and better data systems).

100%

82%

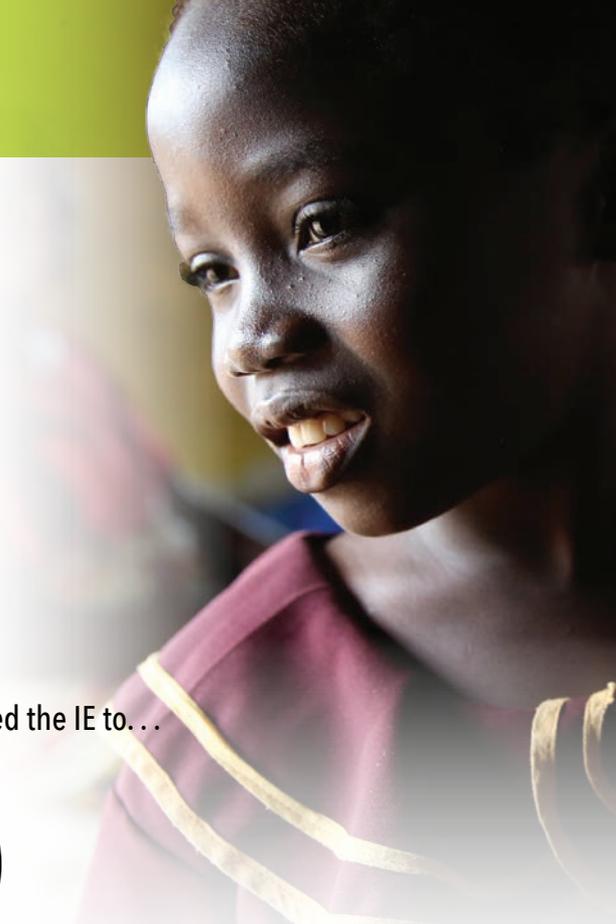
...make improvements to program design (better delivery mechanism, more efficient modalities, better quality and outreach).

...adopt the arm of the experiment or new delivery mechanism that was proven most effective.

68%

58%

...scale up or scale down.



POLICY INFLUENCE TO DEVELOPMENT IMPACT

RESULTS AND IMPACT

Digitization and analysis of court data informed regulatory reform and cut court proceedings by 45 days.

Senegal

Drones and machine learning alongside a high precision mapping technique enabled policy makers to improve forest conservation planning.

Burkina Faso

The MTV-Shuga IE proved that professional entertainers can change sexual behavior at massive scale and save millions of lives.

Nigeria

Brazil

The IE of a school-based financial education program showed improvements in financial knowledge, attitudes, and behavior of students, informing scale up at the national level.

Countries in which DIME has ongoing impact evaluations

Kenya

Cote D'Ivoire

Targeting women was found to double the effectiveness of a labor intensive public works program.

Mozambique

Women assigned to agricultural extension proved to be as effective as men and a feasible option for national scale up.

Ghana

The government saved 56% of their budget by adopting our analysis on reservation wages. They used the savings to double the scale of a tree planting program.

Health inspection IE transformed the inspection function and patient safety regulation, introduced e-checklists, and moved 90% of non-performing facilities up the compliance scale.

The following images courtesy of the artist and World Bank Group Art Program:

Cover: *Water Spout* - Patoracke, Slovakia; Results and Impact: *Brother and Sister* - Chminianske Jakubovany, Slovakia; DIME Model: *All Smiles* - Cigelka, Slovakia; Julie Denesha, 20th cent., digital print photographs. Artist from the United States.