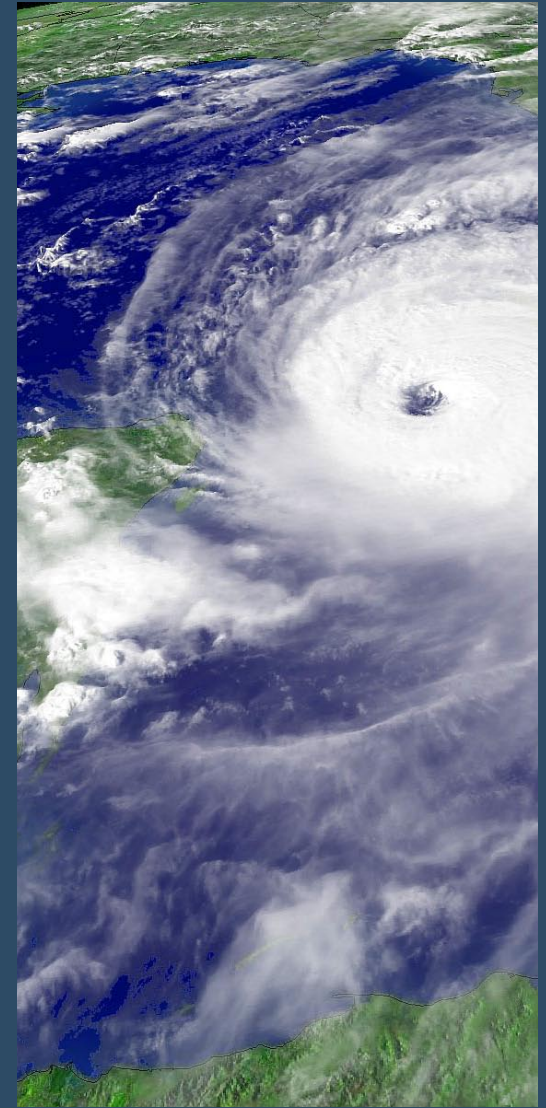


A Research Initiative for Policy Design Synthesis



What is it?

Developing a set of guidelines/solutions to bring Design Thinking into policy making.

Design Thinking

“Design makes things visual - probably the only thing unique to design and valuable if working with complex systems or multiple stakeholders.”

“Design prototypes things in context - both physical and social prototypes, quick and dirty.”

Design Thinking

“Design has the ability to look from the perspective of the individual and to rapidly turn these insights into practical solutions.”

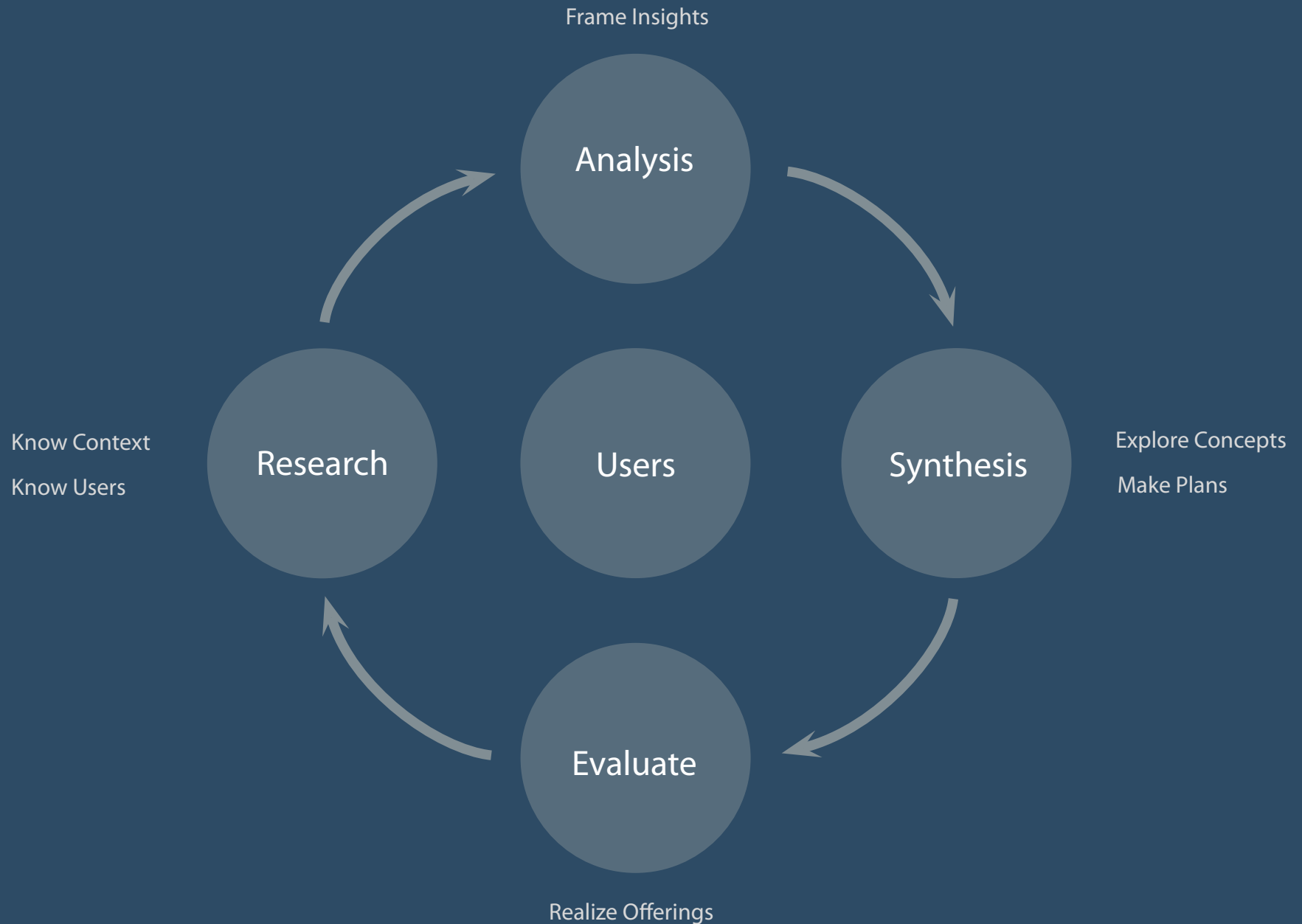
Design Thinking

“Designers do not have all the answers -
but they do have all the questions.”

Design Thinking

The 'transformational design' principle is concerned with ensuring that all tools, structures, and processes are optimized for continually meeting the user communities evolving learning needs and aspirations.

Design Process



Policy Making Process

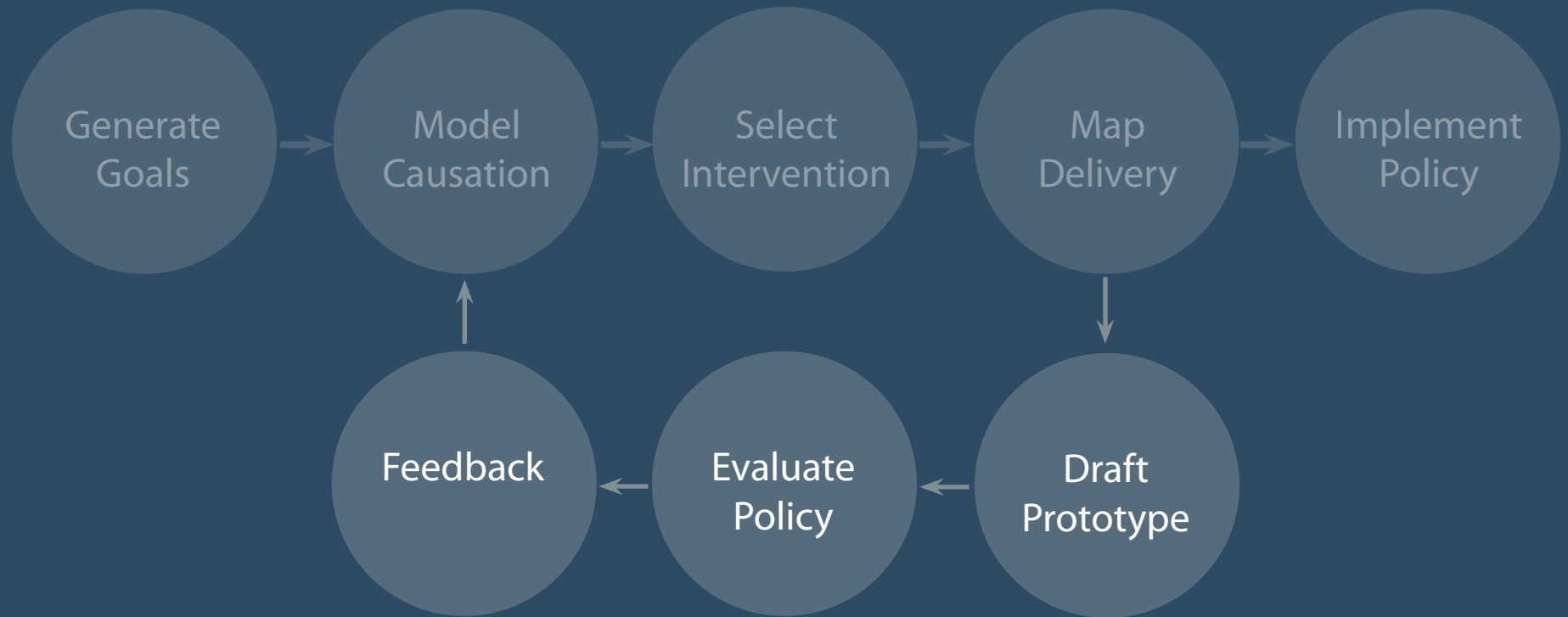


Standard Process

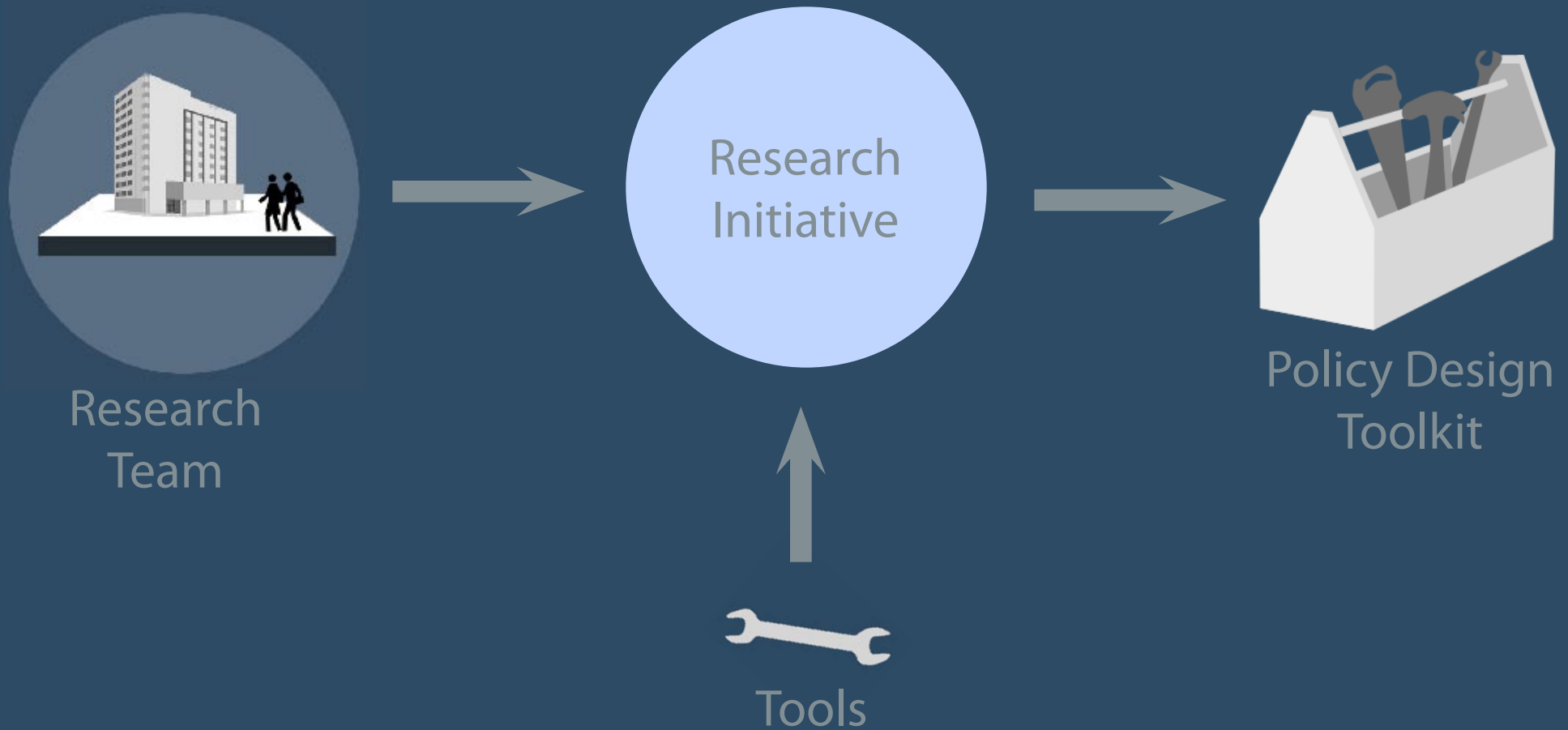


Improved Process

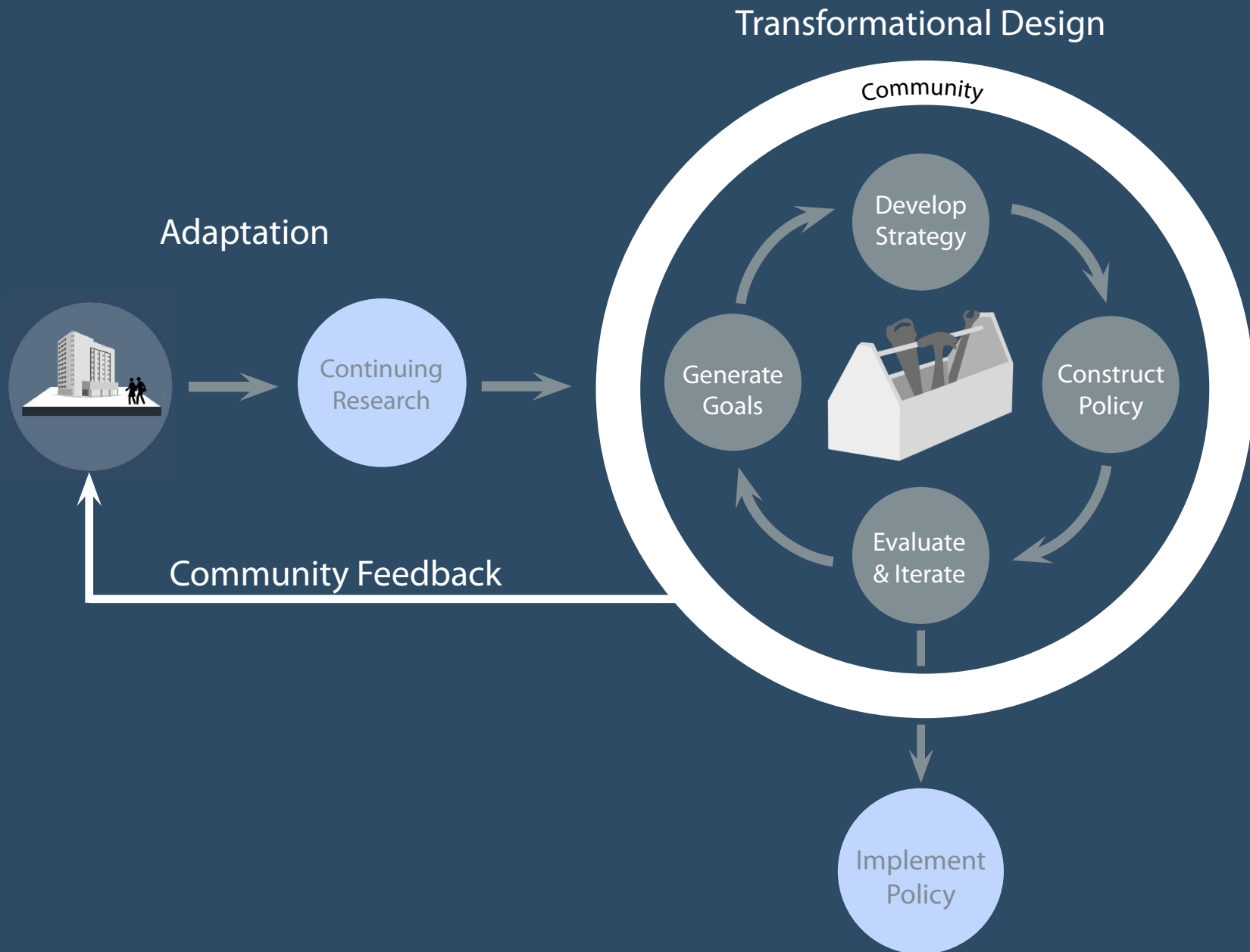
Gaps in Policy Making Process



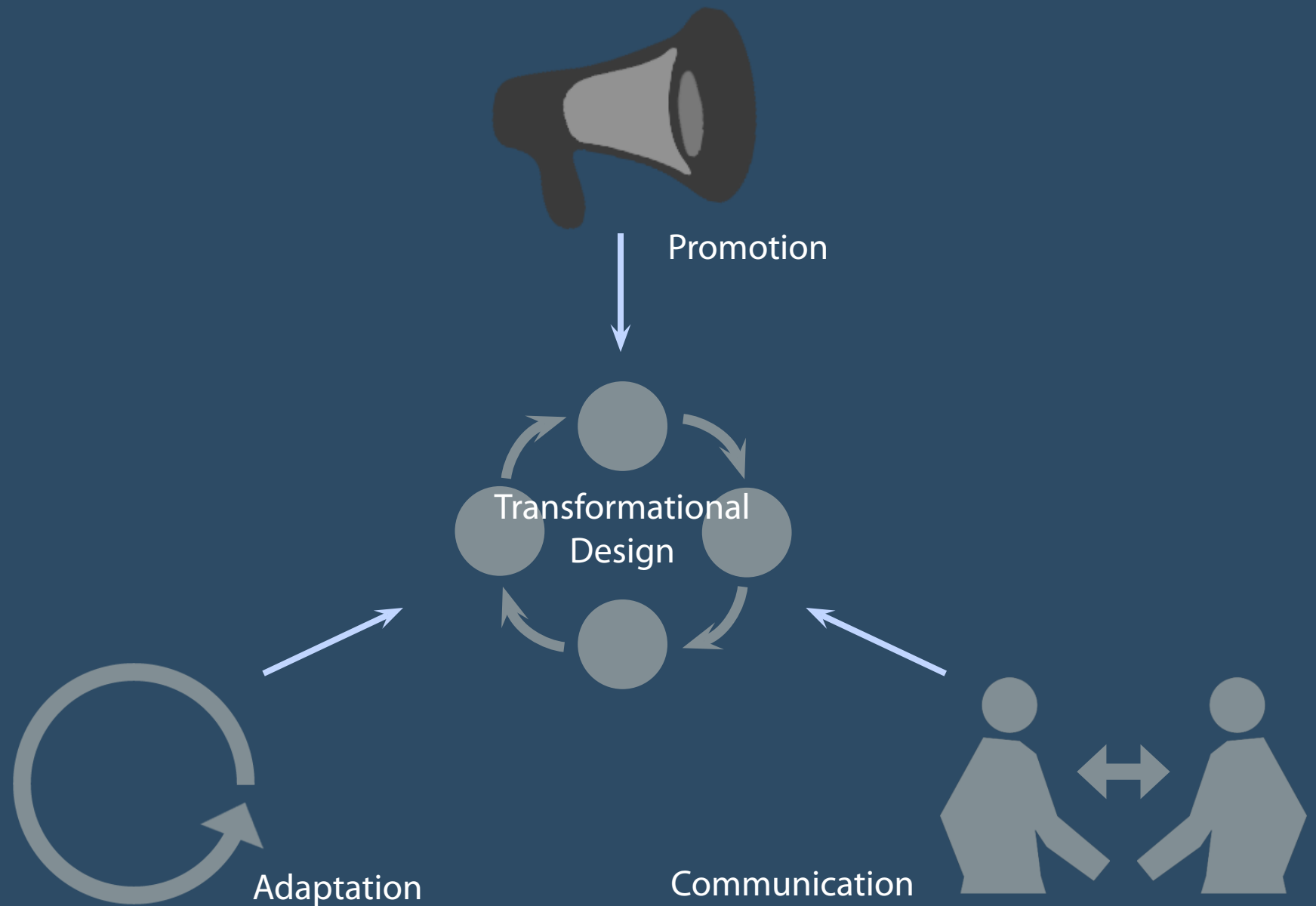
Tools for Policy Design

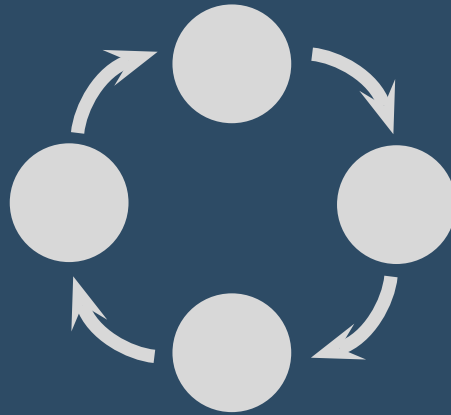


Policy Design Synthesis



Policy Design System





Transformational Design

Policy Protocol

Transformational Design



Properties

- Map of design thinking and the design process
- Outline and checklist of recommended procedures
- Preferred prototyping techniques
- Evaluation techniques
- Relevant policy tools
- Standardized formats for documentation of procedure and drafting of policy

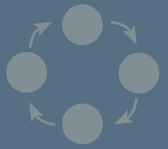
Features

- Introduces non-designers to design thinking and the design process
- Streamlines the iterative prototyping process
- Provides a complete list of possible prototyping methods
- Provides a detailed evaluation process to check for weaknesses and viability
- Provides a standard documentation form for the creation and revision of drafts

Description

A protocol for guiding the research and iterative prototyping processes by providing a standard procedure and general outline of the steps involved.





Properties

- Collection of frameworks and methods to identify areas of opportunity
- Tools to verify strategic fit
- Process for developing realistic targets

Features

- Uses preliminary research to set goals and direct the approach to making policy
- Ensures elements of a policy are aligned toward a common end
- Eliminates extraneous elements of policy

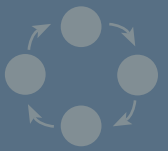
Description

A process to map out the scope and direction for the policy given the problem that must be addressed.



Causation Analysis

Transformational Design



Properties

- Tools to examine relationships
- Counterfactual Checker
- Software to examine probabilistic causation
- Analysis tool for existing policies

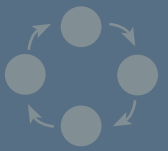
Features

- Directs the policy making team in finding and ranking all causes for a problem
- Helps to eliminate policies that do not have the intended effect
- Identifies mode of failure for existing policy

Description

A process for examining the cause and effect relationships relevant to the problem the policy seeks to address.





Properties

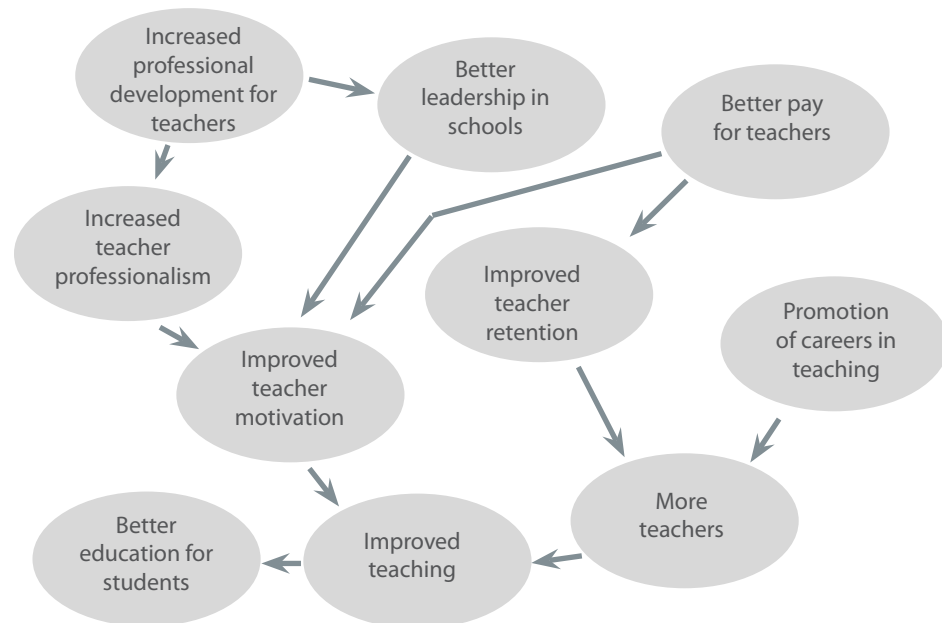
- Research template for investigating interventions
- Collection of methods for intervention generation
- Framework for analyzing future effects of intervention
- Criteria for selecting the best intervention strategy

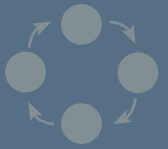
Features

- Uses the output from the causation analysis process to direct intervention research
- Generates broad spectrum of intervention strategies
- Directs policy writers in selecting the ideal strategy

Description

A process for determining the most effective intervention strategy for the policy being designed.





Properties

- Assessment and evaluations tools
- Qualitative and quantitative analysis
- Policy performance database

Features

- Evaluates issues and causes
- Selects Criteria
- Assesses system
- Evaluates decision
- Evaluates implementation process
- Documents performance trends

Description

The Policy design scorecard is a system that helps the policy makers to make assessments on the success and the performance of the policies.





Policy Promotion



Properties

- Team of lawyers and other personnel used on a per case basis
- Searchable database of existing case law
- Database of opportunities to provide expert witnesses

Features

- Finds new ways to interpret existing policy
- Finds connections with existing case law where a suit could be created
- Used to choose an appropriate court in which to bring forth litigation
- Tracks judge's decisions and lawyer's arguments to identify potential allies & opponents
- Identifies opportunities for designers to provide witness and expertise

Description

A team of litigation experts to perform the various legal tasks required for getting our agenda heard. Includes finding a case in which to bring suit, and finding venues in which to provide witness.



Partnership Analyzer

Policy Promotion



Properties

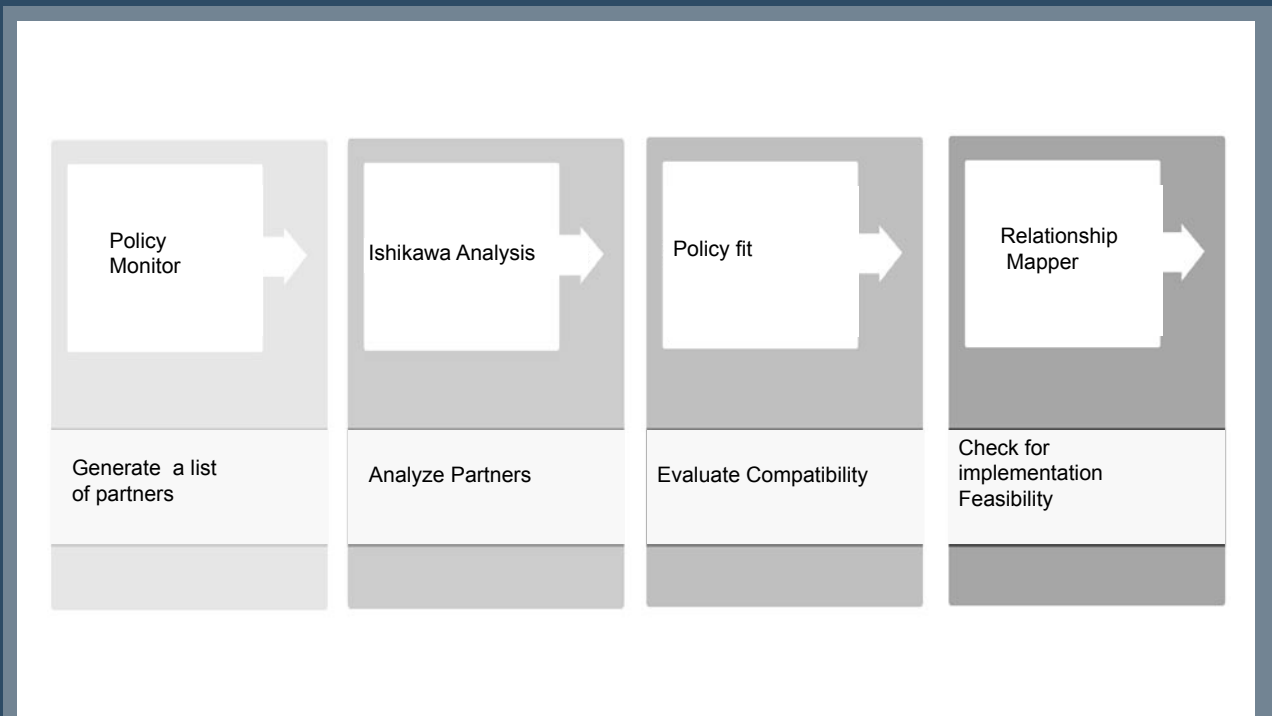
- Relationship analysis and evaluation tool set
- Heuristic tools
- On-line database of prospective partners
- Feasibility analysis tools

Features

- Helps in exploring new partners for forming alliances
- Analyzes partnership scenarios with respect to the world of policy formulation
- Helps in evaluating partner capabilities and compatibilities
- Identifies areas for toolkit applicability
- Plans for future alliances within the partnership

Description

It is a comprehensive toolset designed for exploring, analyzing and evaluating probable partners for forming alliances.





Properties

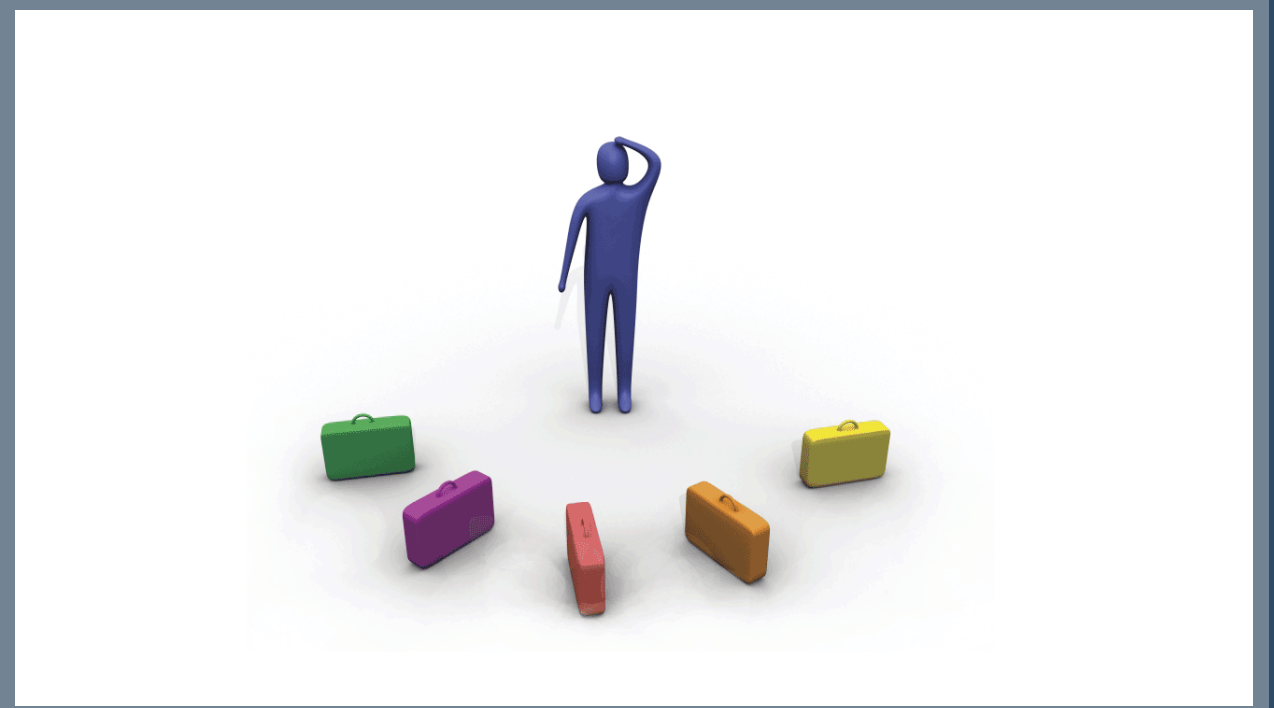
- Future benefits balancer
- Description of the benefits of a partnership
- Alternative point of view presentation
- Facilitator role to manage meetings

Features

- Demonstrates potential areas for growth
- Compares organizations' areas of expertise and determines potential contributions
- Maps relationships and emphasizes benefits to each partner
- Encourages study of partner's point of view
- Facilitates effective meetings

Description

A system of tools for analyzing potential partners and mutual benefits for creating alliances. After exploring potential partners, the strategy of how to best approach, establish, and maintain a relationship is analyzed and implemented.



Negotiation Tools

Policy Promotion



Properties

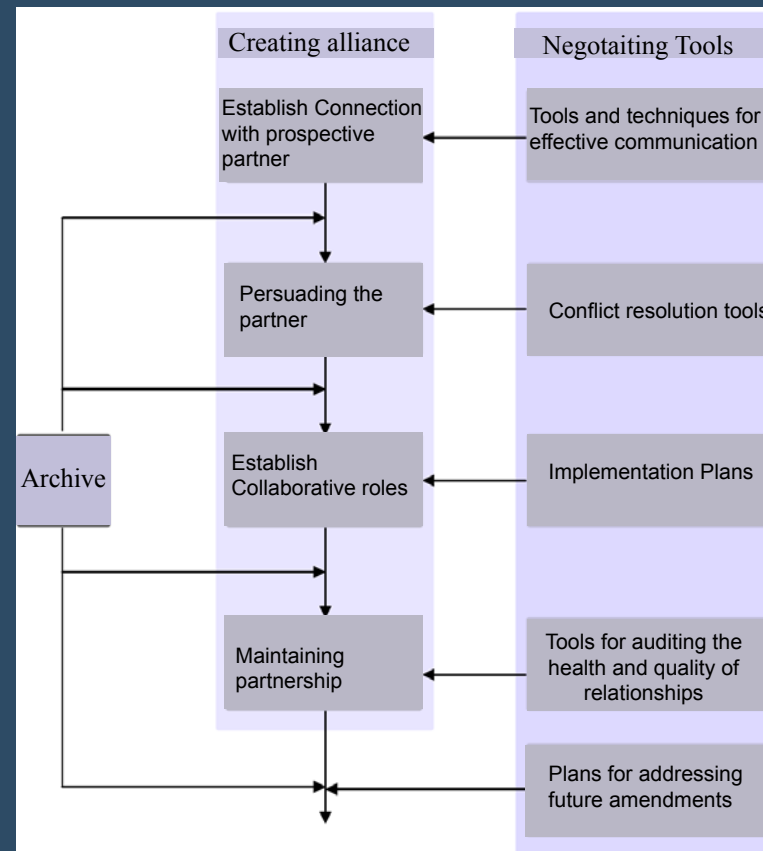
- A collection of analytic and social tools
- Exercises for producing more effective communications

Features

- Develops effective communication strategy
- Manages conflict resolution
- Aids in establishing implementation plans
- Develops road maps for future collaborations

Description

A toolset for aiding the process of negotiations during the formation of alliances with partners.





Properties

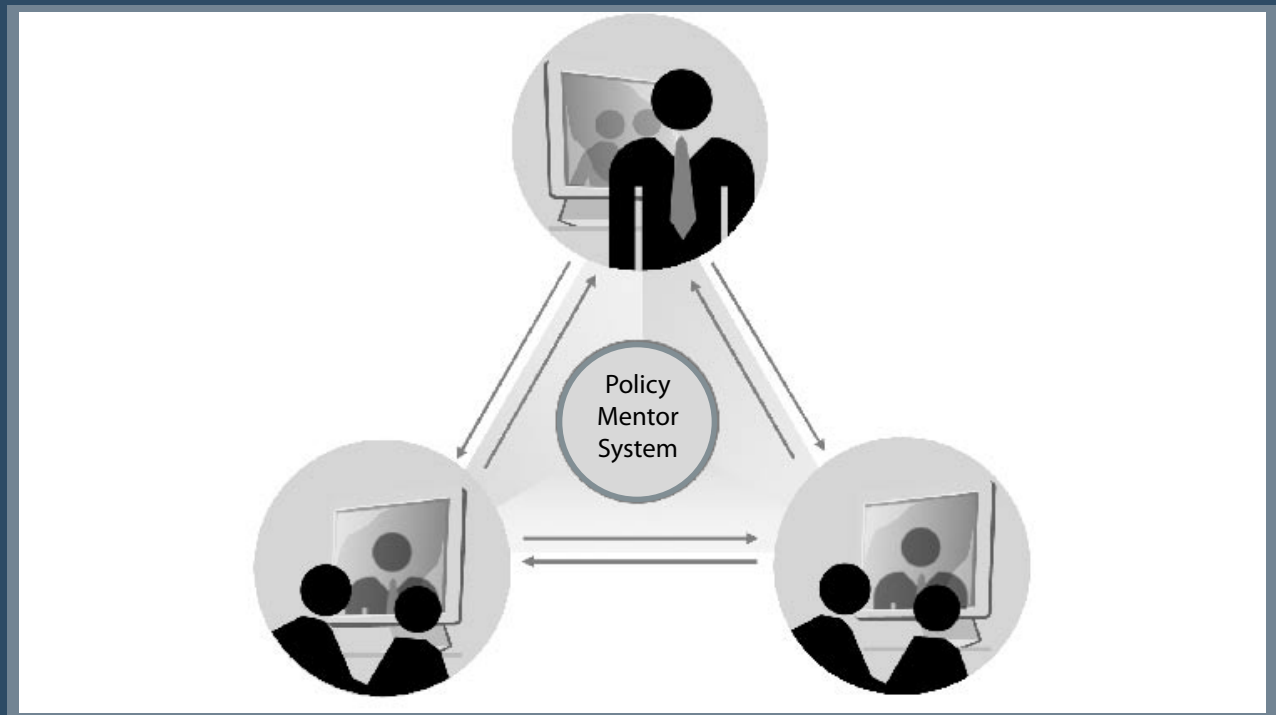
- Database of mentors
- Web based tool for contact and referral
- Multimedia interaction and communication pathway

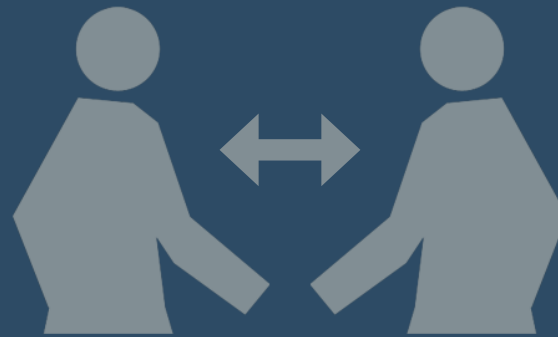
Features

- Maintains and updates a searchable mentor database
- Places mentors with new users
- Initiates and maintains contact between the new users and their mentors
- Encourages active participation by users
- Archives interaction for future reference

Description

Online post training guidance system helping new users in the application of the toolkit.





Communication



Properties

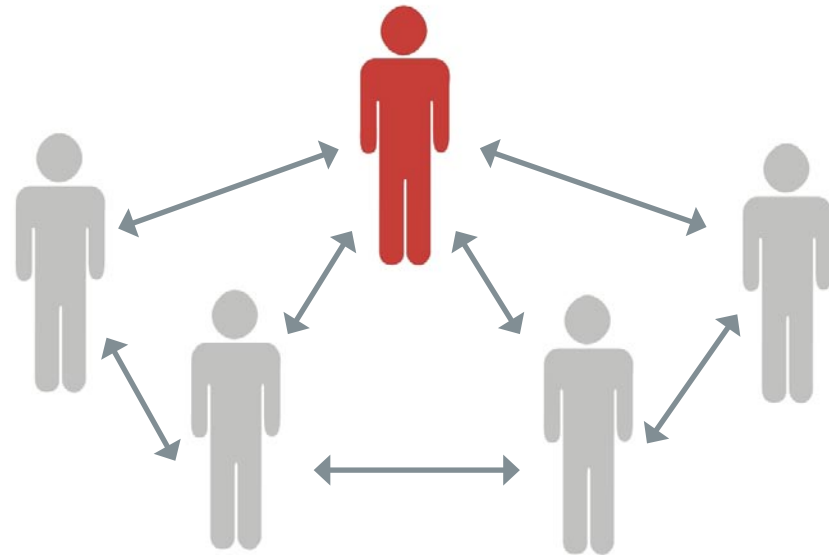
- Immersive, multi-day, team design projects
- Public exhibition of policy design work

Features

- Demonstrates to potential participants the power and value of design in policy creation
- Teaches rudimentary design skills
- Strengthens public ties and generates support from interested parties

Description

A method of designing with potential clients and/or partners to get them involved with and explain the design process and its value outside of the traditional design world. Often used as a recruiting tool.





Properties

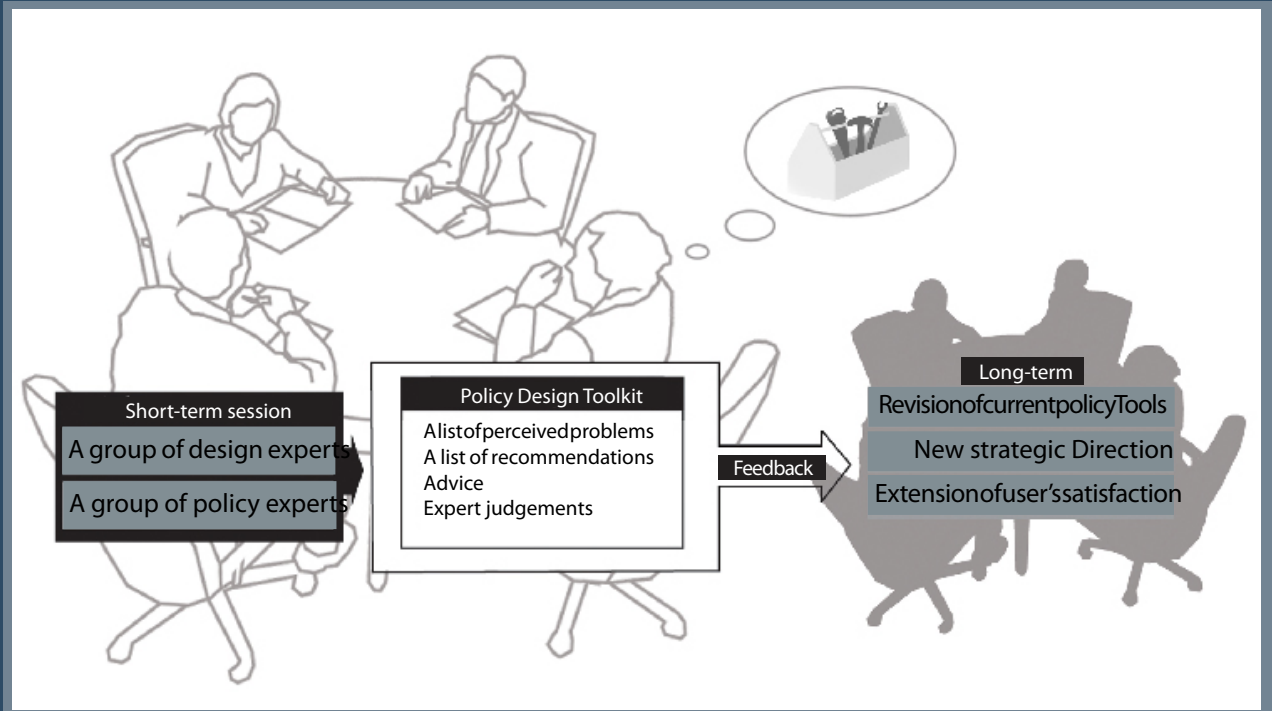
- A system for gathering expert opinions and advice on policy design
- A group discussion among design and policy experts
- A tool for identifying and evaluating policy design tools

Features

- Assists toolkit users with difficult policy design issues
- Identifies potential problems with policy design tools

Description

A technique which assists in problem identification and evaluation of policy design tools by a group of advisors and experts in policy-making. It is a short-term session dedicated to evaluating and creating innovative tool solutions.





Properties

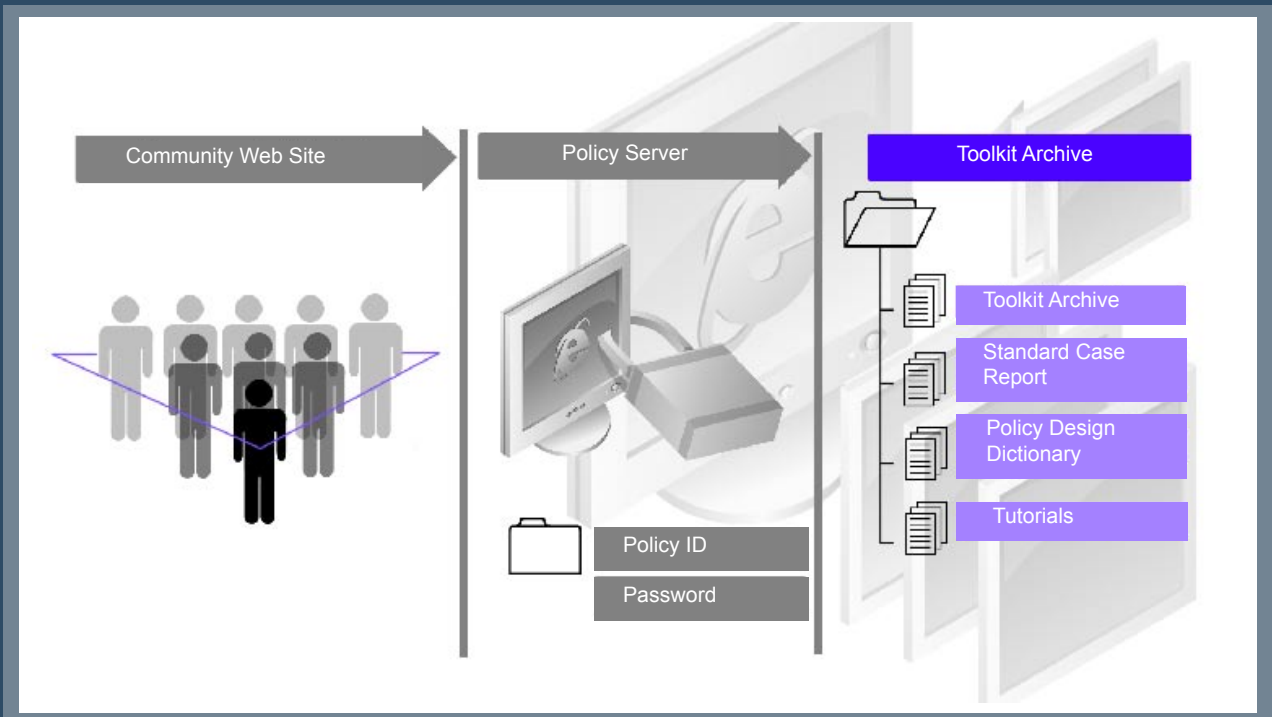
- Standardized forms for use documentation
- Archive of toolkit use reports and case studies
- Tutorial for basic toolkit instruction
- Policy design dictionary

Features

- Standardizes documentation for easy indexing and improved communication
- Provides successful cases of policy design
- Develops common policy design language improving shared understanding among toolkit users
- Provides tutorials for self-learning

Description

A web-based archive which consists of policy design tools, its usage and case studies of policy making.





Properties

- Community website linking designers, policy makers, and researchers around the world
- Bulletin boards for topics related to policy design and the toolkit
- Support groups which provide advice and relate personal experiences
- Discussion forums promoting progressive ideas and hosting debate

Features

- Facilitates dialogue among professionals across the world
- Fosters sense of community
- Integrates designers and policy makers
- Provides networking opportunities
- Promotes debate and shared ideas

Description

A community building system which includes forums for discussion and a network map feature. The objective is to promote integration among designers and policy makers. This is also a venue for designers and policy makers to network.





Adaptation | Research



Properties

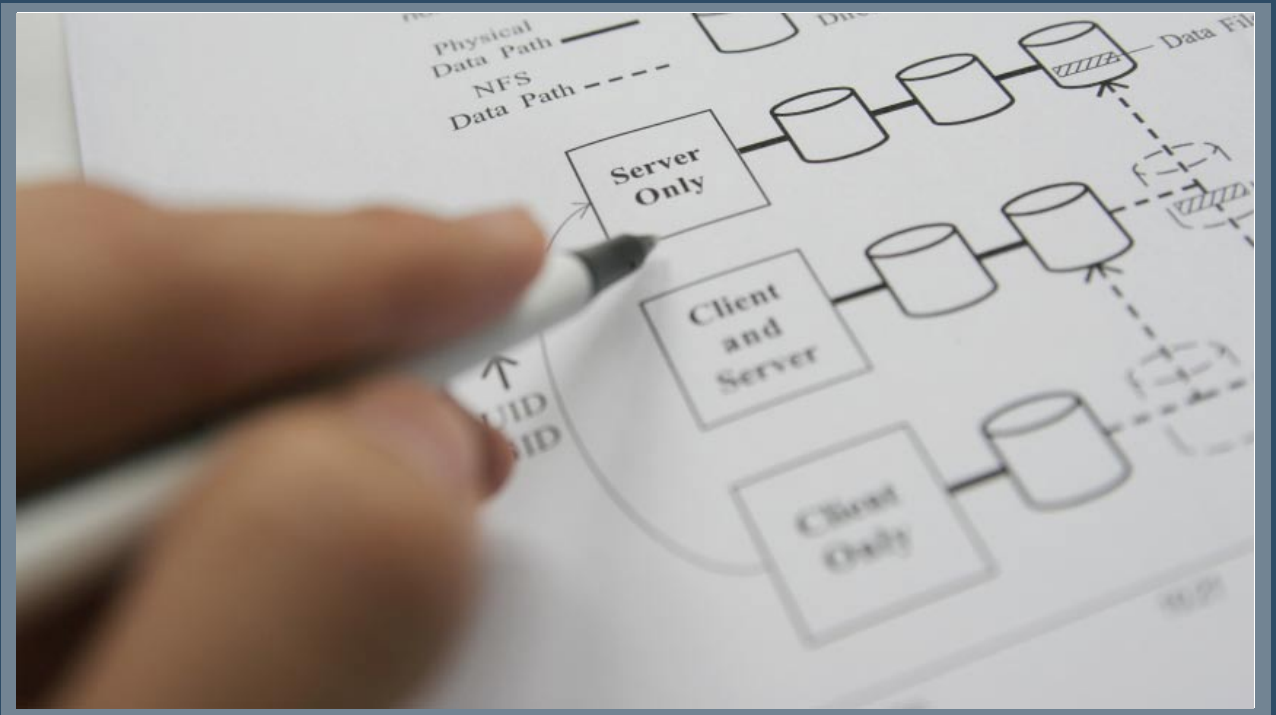
- A group of "all-star designer" consultants
- A panel of experts in various design disciplines

Features

- Create tools to fulfill a need
- Adapt existing tools to improve effectiveness or alter usage.
- Add tools to the existing set on the Policy Server

Description

Innovation Inventors are a group of expert designers used to create new tools and methods whenever there is an unfulfilled need.





Properties

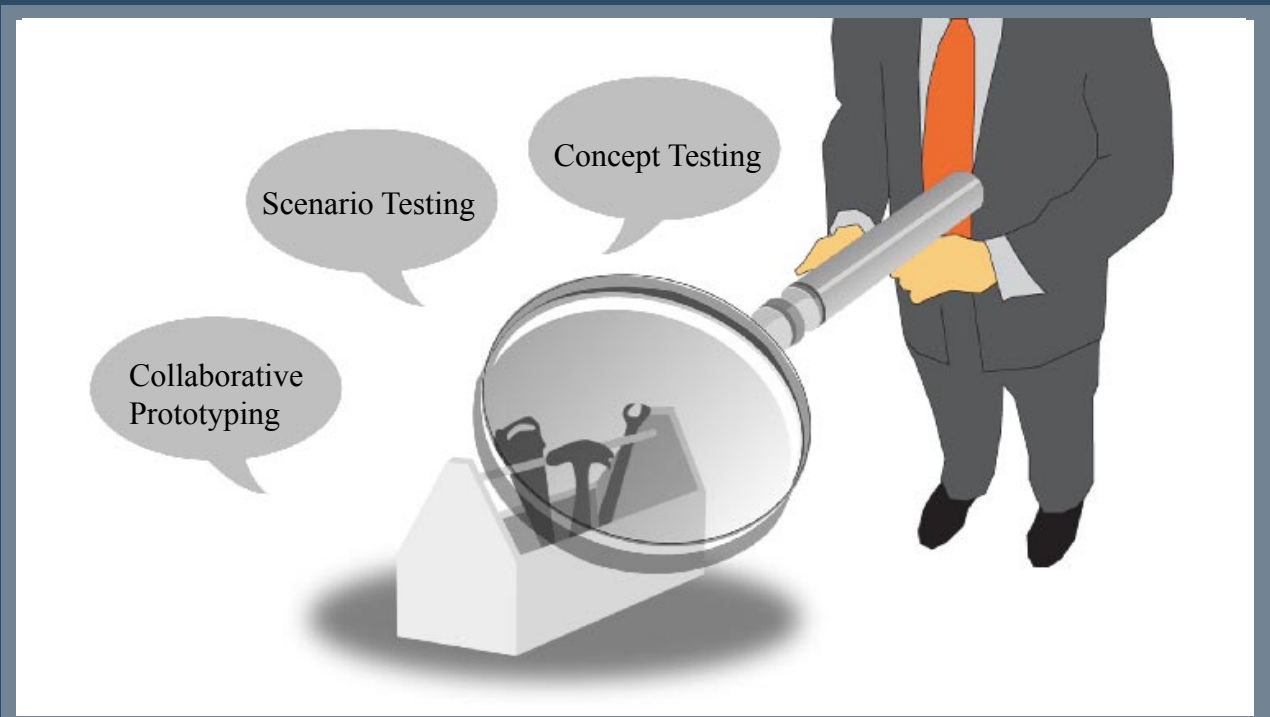
- A prototype evaluation method for policies
- Heuristic Evaluations
- Cognitive walkthroughs

Features

- Evaluates the usability of policy design tools
- Finds problems with designed policy before action is taken

Description

A method for testing potential tools' effectiveness by putting it through a mock policy model. It is shared motivational alternatives based on a hypothetical sequence of events constructed for the purpose of focusing attention on casual processes, relationships and decision points.





Properties

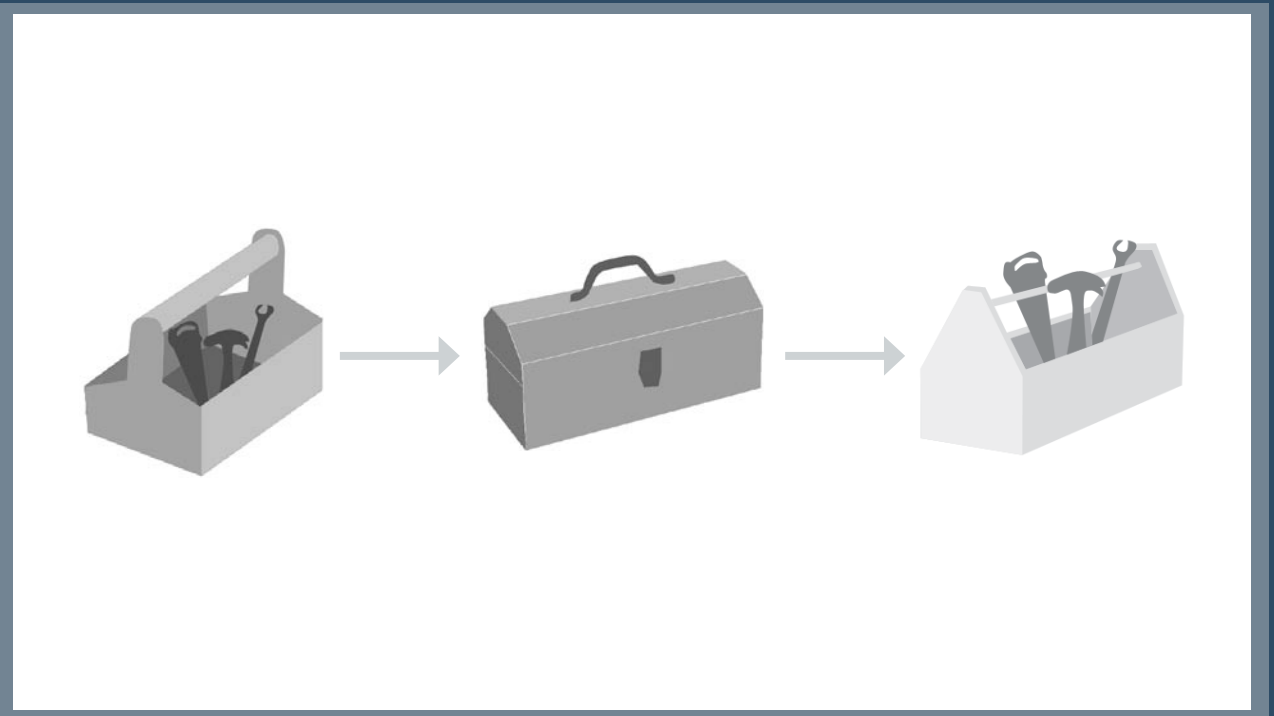
- Tool use monitor for unused or overextended tools
- Community board for tool use feedback
- Tool targeting for new tools
- PESTE analysis of external issues
- Usage trend analysis

Features

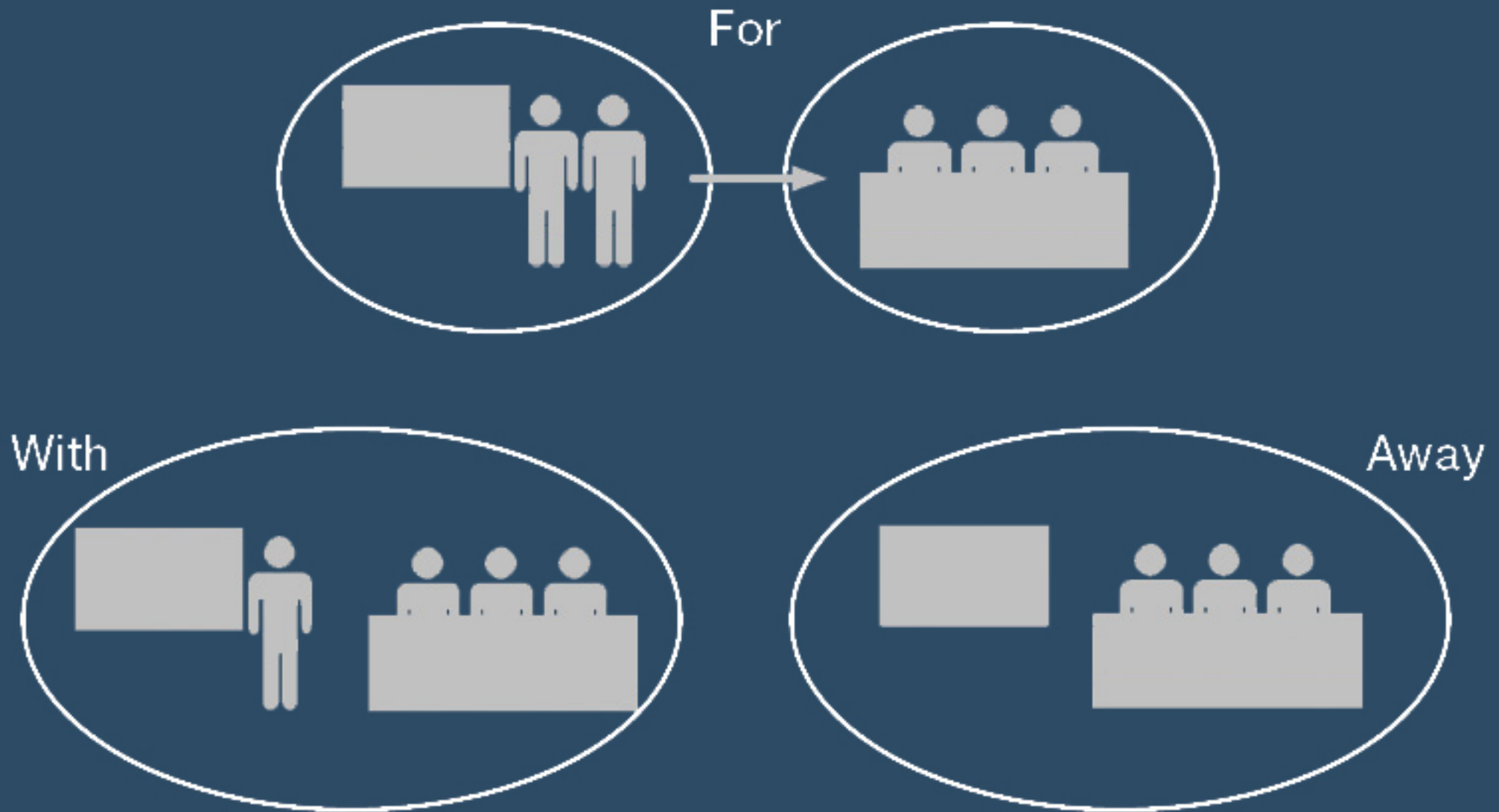
- Evaluates toolkit
- Checks for unused or overextended tools
- Looks for new tools
- Compares tools
- Selects and weighs areas for change
- Makes revisions
- Implements changes

Description

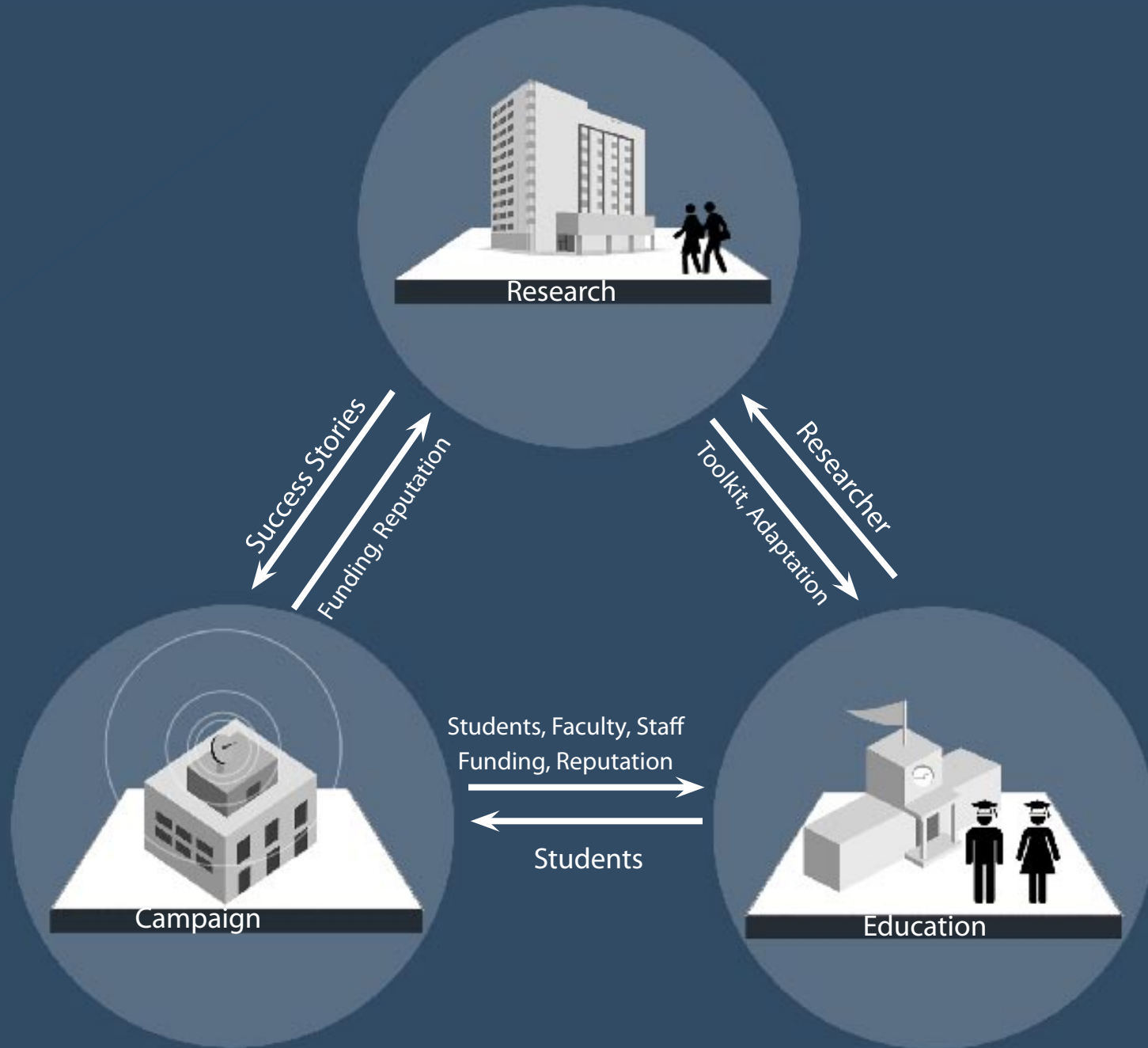
After the toolkit has been developed and in use, the Toolkit Test evaluates the Toolkit and makes improvements when needed.



Modes of Use



Policy Design Synthesis



Thank You