

A 3D rendered white figure with a large, smooth, egg-shaped head and a dark suit with a blue tie. The figure is positioned behind a white rectangular sign, with its hands resting on the top edge. The figure's right hand is pointing downwards towards the text on the sign.

Information Visualization

visualize:

TO FORM a mental image or a vision
OF ...

TO imagine or remember as if
actually seeing

VISUALIZATION

INVOLVES PICTURING
IN YOUR MIND WHAT
IS HAPPENING IN THE
TEXT

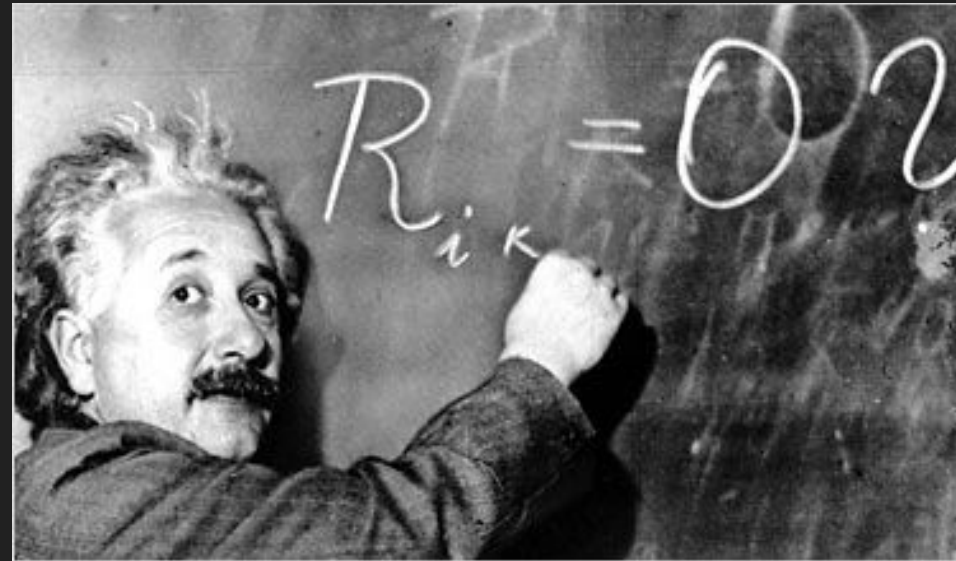
IT IS LIKE

**making movies in
your Head**



**"IF I CAN'T
PICTURE IT, I
CAN'T
UNDERSTAND
IT."**

ALBERT
EINSTEIN



**A GOOD
SKETCH IS
BETTER
THAN a
LONG
SPEECH!**
- NAPOLEON
BONAPARTE



SO, WHY IS **visualizing**
SO important?

EXAMPLES

PROJECT
MANAGEMENT

ELECTIONS

LAW & LEGISLATION

JUSTICE
ADMINISTRATION

BLOOD TESTS

EMAILS

TEXT MINING

NEWS AND SOCIAL

MEDIA ANALYSIS

SURVEYS

SOCIAL CLUSTERS

SEARCH ENGINES

AUDITING, ETC.

IN PROJECT MANAGEMENT

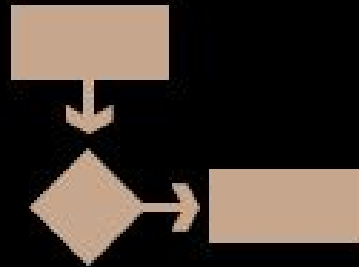
comparing **Before**
visualization and **AFTER**

BASIC TYPES OF
visualization
FOR
Project
Management

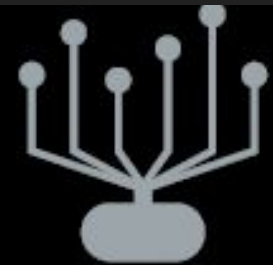
cause & EFFECT



fishbone
diagram



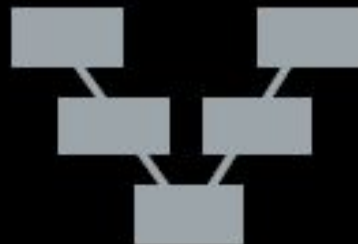
process
diagram



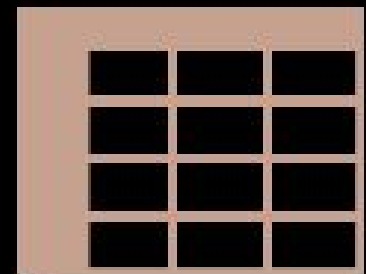
tree
diagram



road graphic



vee
diagram



table

Process or FLOW



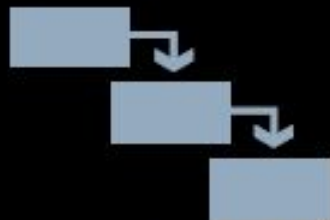
looping
graphic



funnel
graphic



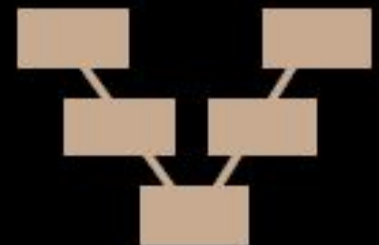
step-by-step
graphic



waterfall
diagram



spiral
graphic



vee
diagram

compare



**before &
after graphic**

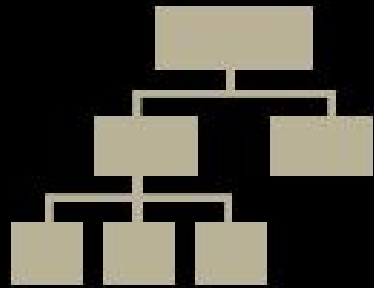


**gauge
graphic**



table

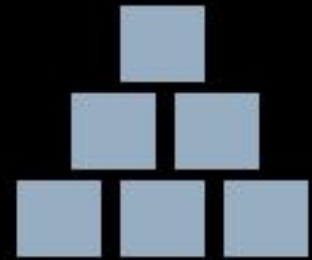
ReLaTionSHIP



org. chart



venn
diagram



building block
graphic



hexagon
graphic



step-by-step
graphic



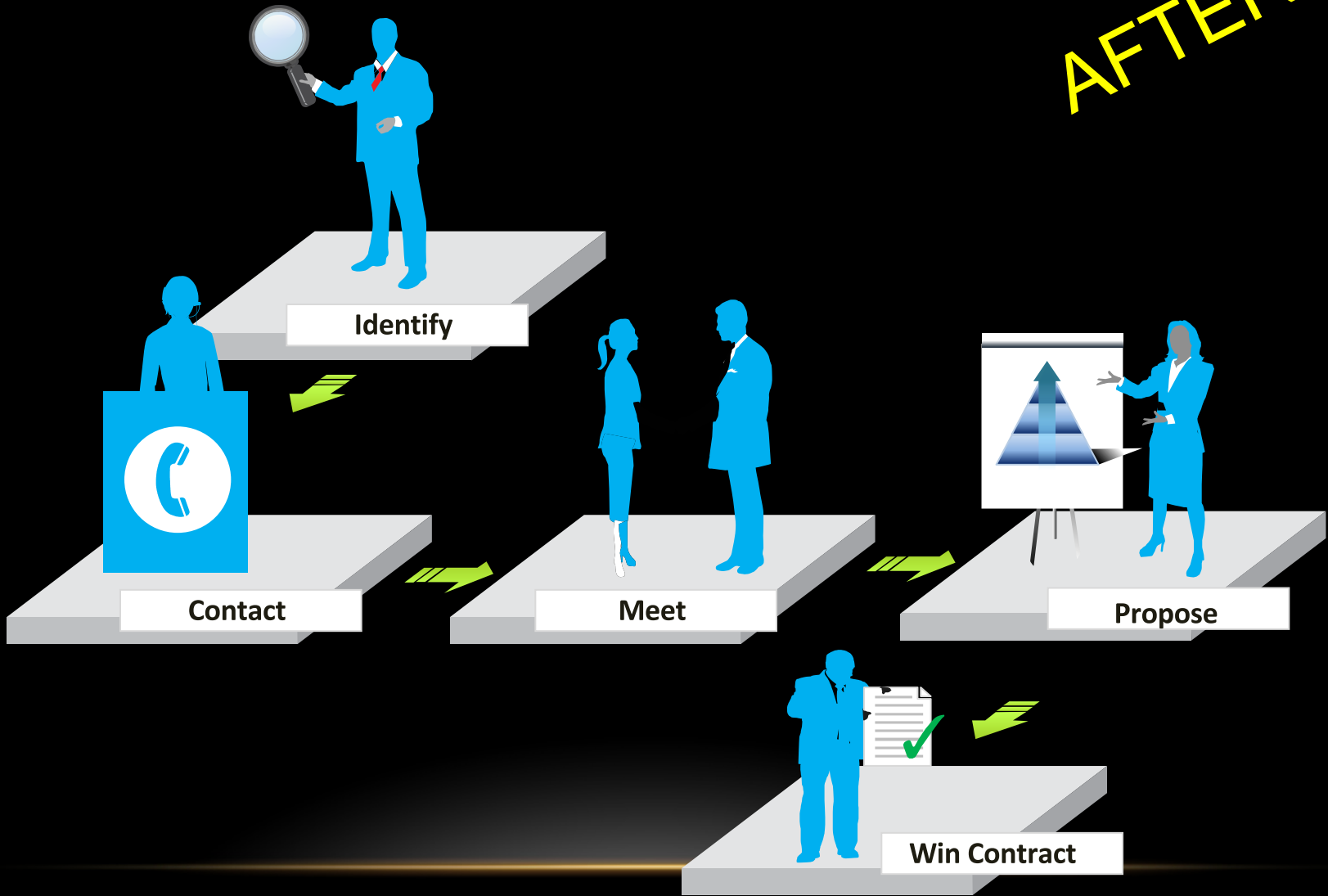
pyramid
graphic

EXAMPLE 1

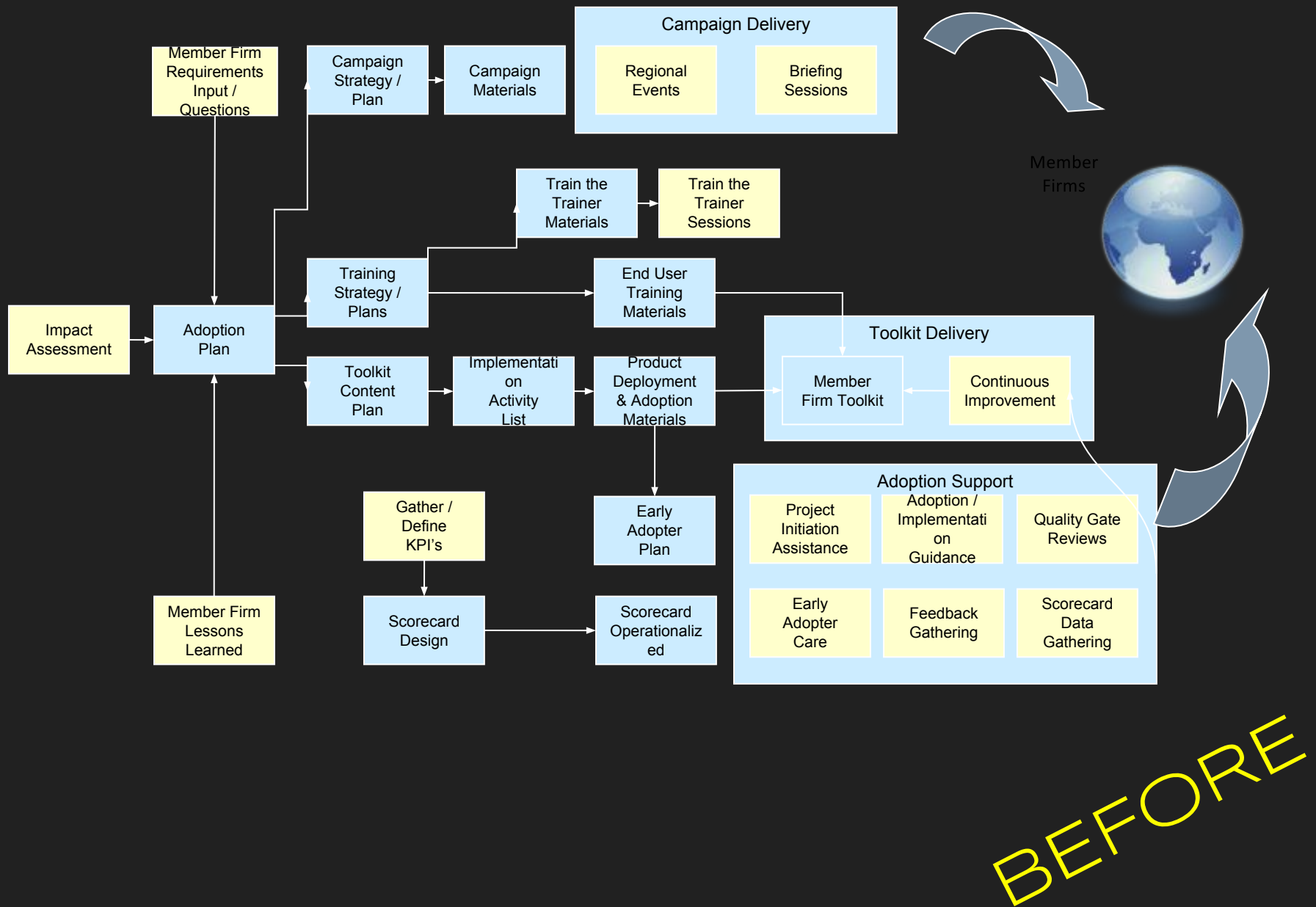
BEFORE

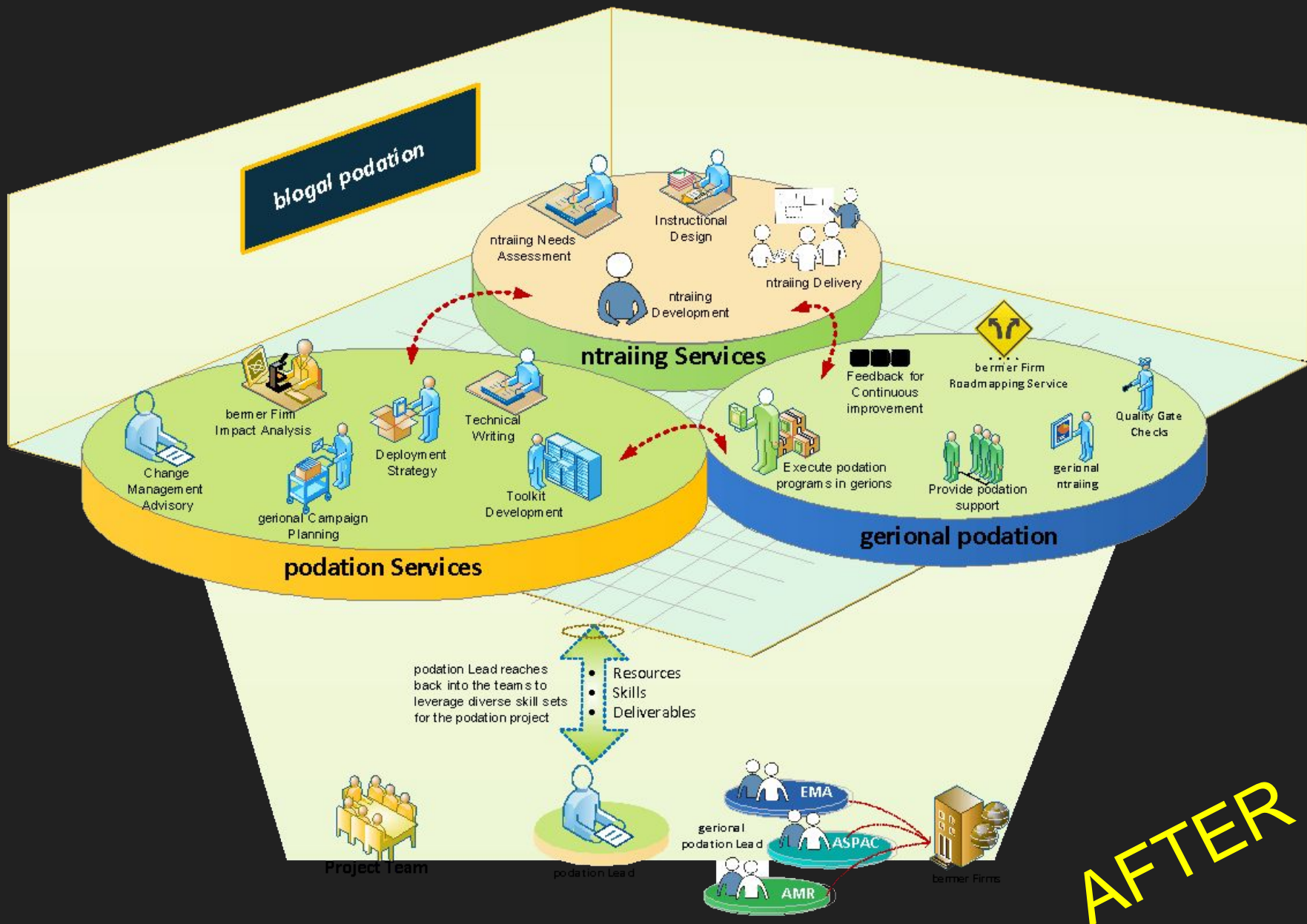
- IDENTIFY
- CONTACT
- MEET
- PROPOSE
- WIN A CONTRACT

AFTER



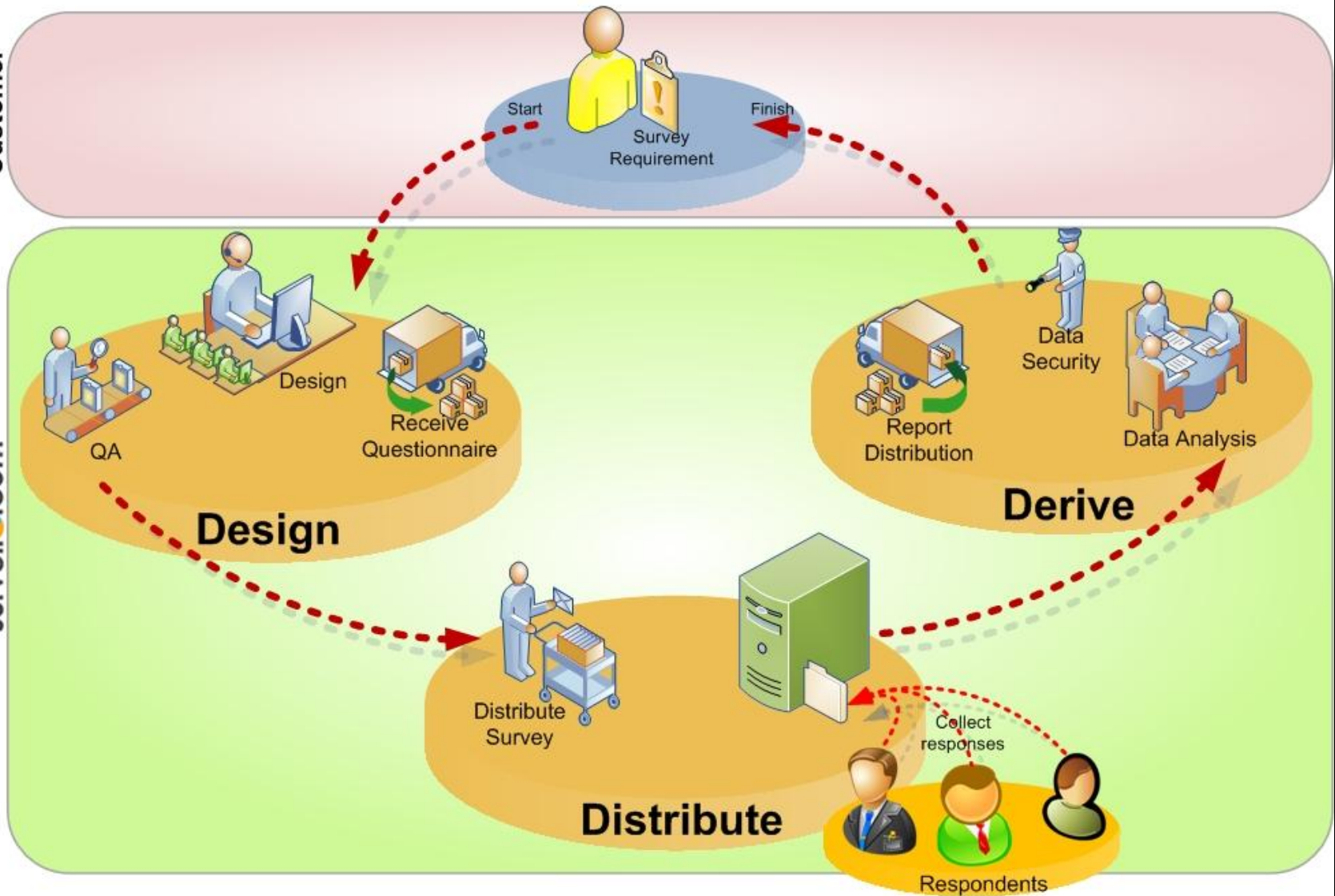
EXAMPLE 2





Customer

surveli.com



Example 3

BEFORE

DELIVERABLE GROUP

CONDUCT SENIOR PARTNER MEETINGS

ESTABLISH COMMUNITY DEPLOYMENT BOARD

CONDUCT REGIONAL WORKSHOPS

ESTABLISH PROJECT MANAGEMENT OFFICE

CONDUCT COMMUNITY KICKOFF/WORKSHOP

COMPLETE PREREQUISITE ACTIONS

CONDUCT QUALITY GATE 1 (CHECKLIST) REVIEW MEETING

WORK PACKAGE

PREPARE FOR SENIOR PARTNER MEETING

CONDUCT SENIOR PARTNER MEETING

DEVELOP COMMUNITY DEPLOYMENT BOARD CHARTER

CONDUCT REGIONAL WORKSHOP

ESTABLISH COMMUNITY PROJECT MANAGEMENT CONTROLS

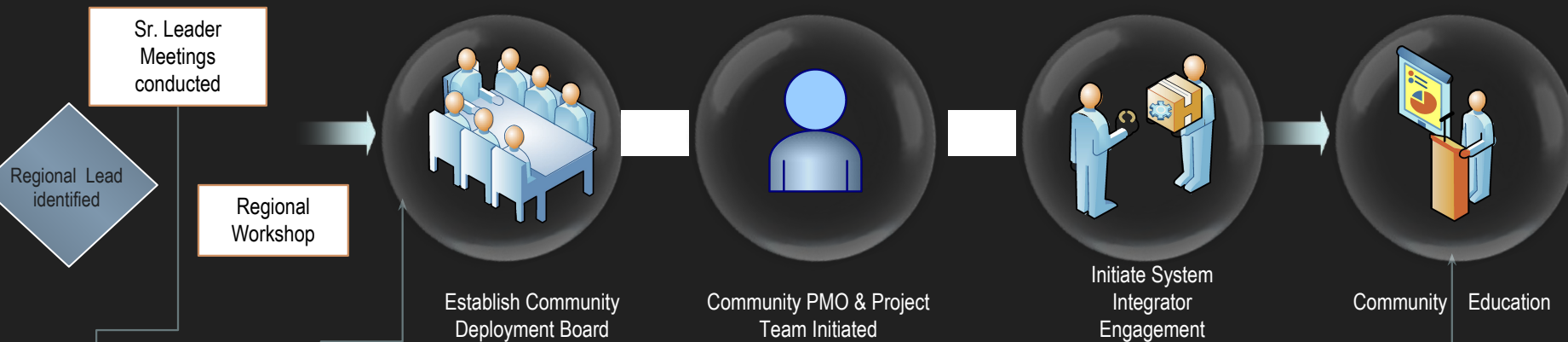
CONDUCT COMMUNITY KICKOFF/WORKSHOP

SYSTEM INTEGRATOR ENGAGEMENT

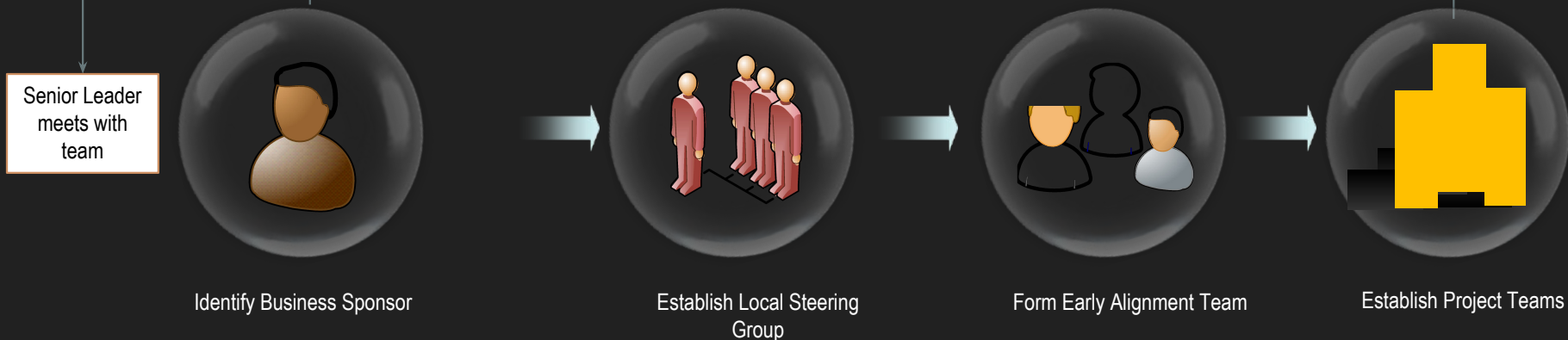
CONDUCT QUALITY GATE 1 RESULTS REVIEW MEETING

AFTER

Community



Firm



Differences

InfOgRAPHICS

Data Analysis

(+) Design

Resources

(-) Computational

Statistics

(-) Information

Visualization

Tools

Information

Visualization

+ Data Analysis

(-) Design

Resources

+ Design Templates

+ Computation

Analysis

+ Information

Visualization Tools

ELECTIONs

ELECTION ANALYSIS
VIDEO AUTOMATION

CAMPAIGN DONATIONS

JUSTICE ADMINISTRATION

JUSTICE IN NUMBERS REPORT

BLOOD TESTS

Information visualization
OF BLOOD TESTS

Emails

Immersion MIT - Email
visualization

Law & LEGISLATION

INFOGRAFICO

Information clusters

IICA

LIBraries

Bauhaus-universität,
weimar

search Engines VISUALIZATION

BOOKS
YOUTUBE
LATTES
INET
Isearch

News Visualization

Newsmap

IMonitor

ITrack

Parsers (Portugues)

Sentiment analysis

Information Visualization Tools

JS LIBRARIES

D3JS, P5JS
THEJIT, VISJS

R LIBRARIES

HTMLWIDGETS, VISnetwork,
GGPLOT2, SHINY, rmarkdown,
Sweave, radiant, swirl

PERGUNTAS?

RONDON ANDRADE
DJrondon@gmail.com

Lembrar competitions