Force Field Analysis is a method for listing, discussing, and evaluating the various forces for and against a proposed change. When a change is planned, Force Field Analysis helps you look at the big picture by analyzing all of the forces impacting the change and weighing the pros and cons. By knowing the pros and cons, you can develop strategies to reduce the impact of the opposing forces and strengthen the supporting forces.

Forces that help you achieve the change are called "driving forces." Forces that work against the change are called "restraining forces."

Force Field Analysis can be used to develop an action plan to implement a change. Specifically it can . . .

1. Determine if a proposed change can get needed support
2. Identify obstacles to successful solutions
3. Suggest actions to reduce the strength of the obstacles

Types of forces to consider

<table>
<thead>
<tr>
<th>Available Resources</th>
<th>Attitudes of people</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditions</td>
<td>Regulations</td>
<td>Desires</td>
</tr>
<tr>
<td>Vested interests</td>
<td>Personal or group needs</td>
<td>Costs</td>
</tr>
<tr>
<td>Organizational structures</td>
<td>Present or past practices</td>
<td>People</td>
</tr>
<tr>
<td>Relationships</td>
<td>Institutional policies or norms</td>
<td>Events</td>
</tr>
<tr>
<td>Social or organizational trends</td>
<td>Agencies</td>
<td></td>
</tr>
</tbody>
</table>

The Process

1. Start with a well-defined goal or change to be implemented.
2. Draw a force field diagram.
   - At the top of a large sheet of paper write the goal or change to be implemented.
   - Divide the paper into two columns by drawing a line down the middle. At the top of the left column, write "Driving Forces." Label the right column "Restraining Forces."
3. Brainstorm a list of driving and restraining forces and record them on the chart in the appropriate column.
4. Once the driving and restraining forces have been identified, ask the following questions:
   - Are they valid?
   - How do we know?
   - How significant are each of them?
   - What is their strength?
   - Which ones can be altered?
   - Which cannot?
   - Which forces can be altered quickly?
   - Which ones only slowly?
   - Which forces, if altered, would produce rapid change?
   - Which only slow change in the situation?
   - What skills and/or information is needed and available to alter the forces?
   - Can we get them?
5. Assign a score to each force, from 1 (weak) to 5 (strong). The score is based on (a) the strength of the force and (b) the degree to which it is possible to influence this force.
6. Calculate a total score for each of the two columns.
7. Decide if the goal or change is feasible. If so, devise a manageable course of action which:
   - Strengthens positive forces
   - Weakens negative forces
   - Creates new positive forces

## Example Force Field Analysis Diagram

**Goal or proposed change:** To have no abandoned cars along city streets by May 1.

<table>
<thead>
<tr>
<th>Driving Forces (the pro's)</th>
<th>Restraining Forces (the con's)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest in the problem has recently been expressed by advocacy groups.</td>
<td>The definition of &quot;abandoned cars&quot; is unclear to the public.</td>
</tr>
<tr>
<td>The public service director supports the plan.</td>
<td>Owners of older cars feel threatened.</td>
</tr>
<tr>
<td>The City Council supports the plan.</td>
<td>Difficult to locate abandoned cars.</td>
</tr>
<tr>
<td>Public climate favors cleaning up the city.</td>
<td>Where to put the abandoned cars once identified?</td>
</tr>
<tr>
<td>Local auto salvage yards have agreed to take the cars at no cost.</td>
<td>Expense involved in locating and disposing of abandoned cars.</td>
</tr>
<tr>
<td>Health department cites old abandoned vehicles as potential health hazard.</td>
<td>Need a procedure to verify vehicles declared &quot;abandoned&quot; and notify owners.</td>
</tr>
</tbody>
</table>

---

Extension programs are available to all without regard to race, color, national origin, religion, sex, age, or disability. Questions or comments? Contact the Extension to Communities Secretary, lindaek@iastate.edu last updated Friday, 16-Feb-2001 16:06:15 CST