

Wrapping Things Up

John W. Kingdon
Agendas, Alternatives, and
Public Policies

(Boston: Little, Brown & Co.,
1984)

This book has considered why some subjects rise on governmental agendas while other subjects are neglected, and why people in and around government pay serious attention to some alternatives at the expense of others. The book is not about how presidents, members of Congress, or other authoritative figures make their final decisions. Instead, we have been occupied with understanding why participants deal with certain issues and neglect others. This chapter summarizes and ties together what we have learned.

Two major predecision processes have occupied us: agenda setting and alternative specification. A governmental agenda is a list of subjects to which officials are paying some serious attention at any given time. Thus an agenda-setting process narrows the set of subjects that could conceivably occupy their attention to the list on which they actually do focus. Obviously, there are agendas within agendas. They range from highly general agendas, such as the list of items occupying the president and his immediate inner circle, to rather specialized agendas, including the agendas of such subcommunities as biomedical research or waterway transportation. Subjects that do not appear on a general agenda may be very much alive on a specialized agenda.

The process of alternative specification narrows the large set of possible alternatives to that set from which choices actually are made. This distinction between agenda and alternatives proves to be very useful analytically, and we have returned to it repeatedly.

Why do some subjects rise on agendas while others are neglected? Why do some alternatives receive more attention than others? Some of our answers to these questions concentrate on participants: We uncover who affects agendas and alternatives, and why they do. Other answers explore the processes through which these participants affect agendas and alternatives. We have conceived of three streams of processes: problems, policies, and politics.

ering columns, and so forth—and are skirting the fringes of new technology with air bags. They're running out of things to do." Similarly, waterway user charges represented the last transportation user charge. There were fuel taxes for highway construction and ticket taxes for airport construction; the last holdout was the waterway people," in the words of one observer. We noticed that references to airline deregulation actually increased subsequent its passage, as the issue spilled over to the other modes. In marked contrast, references to a waterway user charge fell dramatically from 1978 to 1979, from 32 percent to 4 percent, because there was nothing left. The string of user charge proposals was played out.

CONCLUSION

As separate streams of problems, policies, and politics come together at certain critical times. Solutions become joined to problems, and both of them are joined to favorable political forces. This coupling is most likely when a policy window—an opportunity to push pet proposals or one's conceptions of problems—is open.

Policy windows are opened either by the appearance of compelling problems or by happenings in the political stream. Hence, there are "problems windows" and "political windows." To return to our distinction between the agenda and the alternatives, the governmental agenda is set in the problems or political streams, and the alternatives are generated in the policy stream.

One key coupling is that of a policy alternative to something else. Entrepreneurs who advocate their pet alternatives are responsible for this coupling. They keep their proposal ready, waiting for one of two things: a problem that might float by to which they can attach their solution, or a development in the political stream, such as a change of administration, that provides a receptive climate for their proposal. Some windows open largely on a schedule; others are quite unpredictable. But a window closes quickly. Opportunities come, but they also pass. If a chance is missed, another must be awaited. While the governmental agenda is set by events in either the problems or political streams, setting of decision agendas emphasizes, in addition, an available alternative. A worked-out, viable proposal, available in the policy stream, enhances the odds that a problem will rise on a decision agenda. In other words, the probability of an item rising on a decision agenda is dramatically increased if all three elements—problem, proposal, and political receptivity—are coupled in a single package.

Finally, success in one area increases the probability of success in adjacent areas. Events spill over into adjacent areas because politicians find there is a reward for riding the same horse that brought benefit before, because the winning coalition can be transferred to new issues, and because one can argue in precedent.

CHAPTER 9

Wrapping Things Up

This book has considered why some subjects rise on governmental agendas while other subjects are neglected, and why people in and around government pay serious attention to some alternatives at the expense of others. The book is not about how presidents, members of Congress, or other authoritative figures make their final decisions. Instead, we have been occupied with understanding why participants deal with certain issues and neglect others. This chapter summarizes and ties together what we have learned.

Two major predecision processes have occupied us: agenda setting and alternative specification. A governmental agenda is a list of subjects to which officials are paying some serious attention at any given time. Thus an agenda-setting process narrows the set of subjects that could conceivably occupy their attention to the list on which they actually do focus. Obviously, there are agendas within agendas. They range from highly general agendas, such as the list of items occupying the president and his immediate inner circle, to rather specialized agendas, including the agendas of such subcommunities as biomedical research or waterway transportation. Subjects that do not appear on a general agenda may be very much alive on a specialized agenda.

The process of alternative specification narrows the large set of possible alternatives to that set from which choices actually are made. This distinction between agenda and alternatives proves to be very useful analytically, and we have returned to it repeatedly.

Why do some subjects rise on agendas while others are neglected? Why do some alternatives receive more attention than others? Some of our answers to these questions concentrate on participants: We uncover who affects agendas and alternatives, and why they do. Other answers explore the processes through which these participants affect agendas and alternatives. We have conceived of three streams of processes: problems, policies, and politics.

People recognize problems, they generate proposals for public policy changes, and they engage in such political activities as election campaigns and pressure group lobbying. Each participant—president, members of Congress, civil servants, lobbyists, journalists, academics, etc.—can in principle be involved in each process (problem recognition, proposal formation, and politics). Policy is not the sole province of analysts, for instance, nor is politics the sole province of politicians. In practice, though, participants usually specialize in one or another process to a degree. Academics are more involved in policy formation than in politics, for instance, and parties are more involved in politics than in drafting detailed proposals. But conceptually, participants can be seen as different from processes.

Each of the participants and processes can act as an impetus or as a constraint. As an impetus, the participant or process boosts a subject higher on an agenda, or pushes an alternative into more active consideration. A president or congressional committee chair, for instance, decides to emphasize a subject. Or a problem is highlighted because a disaster occurs or because a well-known indicator changes. As a constraint, the participant or process dampens consideration of a subject or alternative. Vigorous pressure group opposition to an item, for instance, moves it down the list of priorities or even off the agenda. As an administration emphasizes its priorities, for another example, it limits people's ability to attend to other subjects. Concerns over budgetary costs of an item can also make its serious consideration quite unlikely.

AGENDA SETTING

How are governmental agendas set? Our answer has concentrated on three explanations: problems, politics, and visible participants.

Problems

Why do some problems come to occupy the attention of governmental officials more than other problems? The answer lies both in the means by which those officials learn about conditions and in the ways in which conditions become defined as problems. As to means, we have discussed indicators, focusing events, and feedback. Sometimes, a more or less systematic indicator simply shows that there is a condition out there. Indicators are used to assess the magnitude of the condition (e.g., the incidence of a disease or the cost of a program), and to discern changes in a condition. Both large magnitude and change catch officials' attention. Second, a focusing event—a disaster, crisis, personal experience, or powerful symbol—draws attention to some conditions more than to others. But such an event has only transient effects unless accompanied by a firmer indication of a problem, by a preexisting perception, or by a combination with other similar events. Third, officials learn about

conditions through feedback about the operation of existing programs, either formal (e.g., routine monitoring of costs or program evaluation studies) or informal (e.g., streams of complaints flowing into congressional offices).

There is a difference between a condition and a problem. We put up with all kinds of conditions every day, and conditions do not rise to prominent places on policy agendas. Conditions come to be defined as problems, and have a better chance of rising on the agenda, when we come to believe that we should do something to change them. People in and around government define conditions as problems in several ways. First, conditions that violate important values are transformed into problems. Second, conditions become problems by comparison with other countries or other relevant units. Third, classifying a condition into one category rather than another may define it as one kind of problem or another. The lack of public transportation for handicapped people, for instance, can be classified as a transportation problem or as a civil rights problem, and the treatment of the subject is dramatically affected by the category.

Problems not only rise on governmental agendas, but they also fade from view. Why do they fade? First, government may address the problem, or fail to address it. In both cases, attention turns to something else, either because something has been done or because people are frustrated by failure and refuse to invest more of their time in a losing cause. Second, conditions that highlighted a problem may change—indicators drop instead of rise, or crises go away. Third, people may become accustomed to a condition or relabel a problem. Fourth, other items emerge and push the highly placed items aside. Finally, there may simply be inevitable cycles in attention; high growth rates level off, and fads come and go.

Problem recognition is critical to agenda setting. The chances of a given proposal or subject rising on an agenda are markedly enhanced if it is connected to an important problem. Some problems are seen as so pressing that they set agendas all by themselves. Once a particular problem is defined as pressing, whole classes of approaches are favored over others, and some alternatives are highlighted while others fall from view. So policy entrepreneurs invest considerable resources bringing their conception of problems to officials' attention, and trying to convince them to see problems their way. The recognition and definition of problems affect outcomes significantly.

Politics

The second family of explanations for high or low agenda prominence is in the political stream. Independently of problem recognition or the development of policy proposals, political events flow along according to their own dynamics and their own rules. Participants perceive swings in national mood, elections bring new administrations to power and new partisan or ideological distributions to Congress, and interest groups of various descriptions press (or fail to press) their demands on government.

Developments in this political sphere are powerful agenda setters. A new administration, for instance, changes agendas all over town as it highlights its conceptions of problems and its proposals, and makes attention to subjects that are not among its high priorities much less likely. A national mood that is perceived to be profoundly conservative dampens attention to costly new initiatives, while a more tolerant national mood would allow for greater spending. The opposition of a powerful phalanx of interest groups makes it difficult—not impossible, but difficult—to contemplate some initiatives.

Consensus is built in the political stream by bargaining more than by persuasion. When participants recognize problems or settle on certain proposals in the policy stream, they do so largely by persuasion. They marshal indicators and argue that certain conditions ought to be defined as problems, or they argue that their proposals meet such logical tests as technical feasibility or value acceptability. But in the political stream, participants build consensus by bargaining—trading provisions for support, adding elected officials to coalitions by giving them concessions that they demand, or compromising from ideal positions to positions that will gain wider acceptance.

The combination of national mood and elections is a more potent agenda setter than organized interests. Interest groups are often able to block consideration of proposals they do not prefer, or to adapt to an item already high on a governmental agenda by adding elements a bit more to their liking. They less often initiate considerations or set agendas on their own. And when organized interests come into conflict with the combination of national mood and elected politicians, the latter combination is likely to prevail, at least as far as setting an agenda is concerned.

Visible Participants

Third, we made a distinction between visible and hidden participants. The visible cluster of actors, those who receive considerable press and public attention, include the president and his high-level appointees, prominent members of Congress, the media, and such elections-related actors as political parties and campaigners. The relatively hidden cluster includes academic specialists, career bureaucrats, and congressional staffers. We have discovered that the visible cluster affects the agenda and the hidden cluster affects the alternatives. So the chances of a subject rising on a governmental agenda are enhanced if that subject is pushed by participants in the visible cluster, and dampened if it is neglected by those participants. The administration—the president and his appointees—is a particularly powerful agenda setter, as are such prominent members of Congress as the party leaders and key committee chairs.

At least as far as agenda setting is concerned, elected officials and their appointees turn out to be more important than career civil servants or participants outside of government. To those who look for evidences of democracy at work, this is an encouraging result. These elected officials do not neces-

sarily get their way in specifying alternatives or implementing decisions, but they do affect agendas rather substantially. To describe the roles of various participants in agenda setting, a fairly straightforward top-down model, with elected officials at the top, comes surprisingly close to the truth.

ALTERNATIVE SPECIFICATION

How is the list of potential alternatives for public policy choices narrowed to the ones that actually receive serious consideration? There are two families of answers: (1) Alternatives are generated and narrowed in the policy stream; and (2) Relatively hidden participants, specialists in the particular policy area, are involved.

Hidden Participants: Specialists

Alternatives, proposals, and solutions are generated in communities of specialists. This relatively hidden cluster of participants includes academics, researchers, consultants, career bureaucrats, congressional staffers, and analysts who work for interest groups. Their work is done, for instance, in planning and evaluation or budget shops in the bureaucracy or in the staff agencies on the Hill.

These relatively hidden participants form loosely knit communities of specialists. There is such a community for health, for instance, which includes analogous subcommunities for more specialized areas like the direct delivery of medical services and the regulation of food and drugs. Some of these communities, such as the one for transportation, are highly fragmented, while others are more tightly knit. Each community is composed of people located throughout the system and potentially of very diverse orientations and interests, but they all share one thing: their specialization and acquaintance with the issues in that particular policy area.

Ideas bubble around in these communities. People try out proposals in a variety of ways: through speeches, bill introductions, congressional hearings, leaks to the press, circulation of papers, conversations, and lunches. They float their ideas, criticize one another's work, hone and revise their ideas, and float new versions. Some of these ideas are respectable, while others are out of the question. But many, many ideas are possible and are considered in some fashion somewhere along the line.

The Policy Stream

The generation of policy alternatives is best seen as a selection process, analogous to biological natural selection. In what we have called the policy primeval soup, many ideas float around, bumping into one another, encountering new ideas, and forming combinations and recombinations. The origins

of policy may seem a bit obscure, hard to predict and hard to understand or to structure.

While the origins are somewhat haphazard, the selection is not. Through the imposition of criteria by which some ideas are selected out for survival while others are discarded, order is developed from chaos, pattern from randomness. These criteria include technical feasibility, congruence with the values of community members, and the anticipation of future constraints, including a budget constraint, public acceptability, and politicians' receptivity. Proposals that are judged infeasible—that do not square with policy community values, that would cost more than the budget will allow, that run afoul of opposition in either the mass or specialized publics, or that would not find a receptive audience among elected politicians—are less likely to survive than proposals that meet these standards. In the process of consideration in the policy community, ideas themselves are important. Pressure models do not completely describe the process. Proposals are evaluated partly in terms of their political support and opposition, to be sure, but partly against logical or analytical criteria as well.

There is a long process of softening up the system. Policy entrepreneurs do not leave consideration of their pet proposals to accident. Instead, they push for consideration in many ways and in many forums. In the process of policy development, recombination (the coupling of already-familiar elements) is more important than mutation (the appearance of wholly new forms). Thus entrepreneurs, who broker people and ideas, are more important than inventors. Because recombination is more important than invention, there may be “no new thing under the sun” at the same time that there may be dramatic change and innovation. There is change, but it involves the recombination of already-familiar elements.

The long softening-up process is critical to policy change. Opportunities for serious hearings, the policy windows we explored in Chapter 8, pass quickly and are missed if the proposals have not already gone through the long gestation process before the window opens. The work of floating and refining proposals is not wasted if it does not bear fruit in the short run. Indeed, it is critically important if the proposal is to be heard at the right time.

COUPLING AND WINDOWS

The separate streams of problems, policies, and politics each have lives of their own. Problems are recognized and defined according to processes that are different from the ways policies are developed or political events unfold. Policy proposals are developed according to their own incentives and selection criteria, whether or not they are solutions to problems or responsive to political considerations. Political events flow along on their own schedule and according to their own rules, whether or not they are related to problems or proposals.

But there come times when the three streams are joined. A pressing problem demands attention, for instance, and a policy proposal is coupled to the problem as its solution. Or an event in the political stream, such as a change of administration, calls for different directions. At that point, proposals that fit with that political event, such as initiatives that fit with a new administration's philosophy, come to the fore and are coupled with the ripe political climate. Similarly, problems that fit are highlighted, and others are neglected.

Decision Agendas

A complete linkage combines all three streams—problems, policies, and politics—into a single package. Advocates of a new policy initiative not only take advantage of politically propitious moments but also claim that their proposal is a solution to a pressing problem. Likewise, entrepreneurs concerned about a particular problem search for solutions in the policy stream to couple to their problem, then try to take advantage of political receptivity at certain points in time to push the package of problem and solution. At points along the way, there are partial couplings: solutions to problems, but without a receptive political climate; politics to proposals, but without a sense that a compelling problem is being solved; politics and problems both calling for action, but without an available alternative to advocate. But the complete joining of all three streams dramatically enhances the odds that a subject will become firmly fixed on a decision agenda.

Governmental agendas, lists of subjects to which governmental officials are paying serious attention, can be set solely in either problems or political streams, and solely by visible actors. Officials can pay attention to an important problem, for instance, without having a solution to it. Or politics may highlight a subject, even in the absence of either problem or solution. A decision agenda, a list of subjects that is moving into position for an authoritative decision, such as legislative enactment or presidential choice, is set somewhat differently. The probability of an item rising on a decision agenda is dramatically increased if all three elements—problem, policy proposal, and political receptivity—are linked in a single package. Conversely, partial couplings are less likely to rise on decision agendas. Problems that come to decisions without solutions attached, for instance, are not as likely to move into position for an authoritative choice as if they did have solutions attached. And proposals that lack political backing are less likely to move into position for a decision than ones that do have that backing.

A return to our case studies in Chapter 1 illustrates these points. With aviation deregulation, awareness of problems, development of proposals, and swings of national mood all proceeded separately in their own streams. Increasingly through the late 1960s and early 1970s, people became convinced that the economy contained substantial inefficiencies to which the burdens of government regulation contributed. Proposals for deregulation were formed among academics and other specialists, through a softening-up process that

included journal articles, testimony, conferences, and other forums. In the 1970s, politicians sensed a change in national mood toward increasing hostility to government size and intrusiveness. All three of the components, therefore, came together at about the same time. The key to movement was the coupling of the policy stream's literature on deregulation with the political incentive to rein in government growth, and those two elements with the sense that there was a real, important, and increasing problem with economic inefficiency.

The waterway user charge case illustrates a similar coupling. A proposal, some form of user charge, had been debated among transportation specialists for years. The political stream produced an administration receptive to imposing a user charge. This combination of policy and politics was coupled with a problem—the necessity, in a time of budget stringency, to repair or replace aging facilities like Lock and Dam 26. Thus did the joining of problem, policy, and politics push the waterway user charge into position on a decision agenda.

By contrast, national health insurance during the Carter years did not have all three components joined. Proponents could argue that there were real problems of medical access, though opponents countered that many of the most severe problems were being addressed through Medicare, Medicaid, and private insurance. The political stream did produce a heavily Democratic Congress and an administration that favored some sort of health insurance initiative. It seemed for a time that serious movement was under way. But the policy stream had not settled on a single, worked-up, viable alternative from among the many proposals floating around. The budget constraint, itself a severe problem, and politicians' reading of the national mood, which seemed to be against costly new initiatives, also proved to be too much to overcome. The coupling was incomplete, and the rise of national health insurance on the agenda proved fleeting. Then the election of Ronald Reagan sealed its fate, at least for the time being.

Success in one area contributes to success in adjacent areas. Once aviation deregulation passed, for instance, government turned with a vengeance to other deregulation proposals, and passed several in short order. These spillovers, as we have called them, occur because politicians sense the payoff in repeating a successful formula in a similar area, because the winning coalition can be transferred, and because advocates can argue from successful precedent. These spillovers are extremely powerful agenda setters, seemingly bowling over even formidable opposition that stands in the way.

Policy Windows

An open policy window is an opportunity for advocates to push their pet solutions or to push attention to their special problems. Indeed, advocates in and around government keep their proposals and their problems at hand,

waiting for these opportunities to occur. They have pet solutions, for instance, and wait for problems to float by to which they can attach their solutions, or for developments in the political stream that they can use to their advantage. Or they wait for similar opportunities to bring their special problems to the fore, such as the appearance of a new administration that would be concerned with these problems. That administration opens a window for them to bring greater attention to the problems about which they are concerned.

Windows are opened by events in either the problems or political streams. Thus there are problems windows and political windows. A new problem appears, for instance, creating an opportunity to attach a solution to it. Or such events in the political stream as turnover of elected officials, swings of national mood, or vigorous lobbying might create opportunities to push some problems and proposals to the fore and dampen the chances to highlight other problems and proposals.

Sometimes, windows open quite predictably. Legislation comes up for renewal on a schedule, for instance, creating opportunities to change, expand, or abolish certain programs. At other times, windows open quite unpredictably, as when an airliner crashes or a fluky election produces an unexpected turnover in key decision makers. Predictable or unpredictable, open windows are small and scarce. Opportunities come, but they also pass. Windows do not stay open long. If a chance is missed, another must be awaited.

The scarcity and the short duration of the opening of a policy window create a powerful magnet for problems and proposals. When a window opens, problems and proposals flock to it. People concerned with particular problems see the open window as their opportunity to address or even solve these problems. Advocates of particular proposals see the open window as the opportunity to enact them. As a result, the system comes to be loaded down with problems and proposals. If participants are willing to invest sufficient resources, some of the problems can be resolved and some of the proposals enacted. Other problems and proposals drift away because insufficient resources are mobilized.

Open windows present opportunities for the complete linkage of problems, proposals, and politics, and hence opportunities to move packages of the three joined elements up on decision agendas. One particularly crucial coupling is the link of a solution to something else. Advocates of pet proposals watch for developments in the political stream that they can take advantage of, or try to couple their solution to whatever problems are floating by at the moment. Once they have made the partial coupling of proposal to either problem or politics, they attempt to join all three elements, knowing that the chances for enactment are considerably enhanced if they can complete the circle. Thus they try to hook packages of problems and solutions to political forces, packages of proposals and political incentives to perceived problems, or packages of problems and politics to some proposal taken from the policy stream.

ENTREPRENEURS

Policy entrepreneurs are people willing to invest their resources in return for future policies they favor. They are motivated by combinations of several things: their straightforward concern about certain problems, their pursuit of such self-serving benefits as protecting or expanding their bureaucracy's budget or claiming credit for accomplishment, their promotion of their policy values, and their simple pleasure in participating. We have encountered them at three junctures: pushing their pet proposals during a process of softening up the agenda, pushing their pet proposals during a process of softening up the system, and making the couplings we just discussed. These entrepreneurs are found at many locations; they might be elected officials, career civil servants, lobbyists, academics, or journalists. No one type of participant dominates the pool of entrepreneurs.

As to problems, entrepreneurs try to highlight the indicators that so importantly dramatize their problems. They push for one kind of problem definition rather than another. Because they know that focusing events can move subjects higher on the agenda, entrepreneurs push to create such things as personal viewings of problems by policy makers and the diffusion of a symbol that captures their problem in a nutshell. They also may prompt the kinds of feedback about current governmental performance that affect agendas: letters, complaints, and visits to officials.

As to proposals, entrepreneurs are central to the softening-up process. They write papers, give testimony, hold hearings, try to get press coverage, and meet endlessly with important and not-so-important people. They float their ideas as trial balloons, get reactions, revise their proposals in the light of reactions, and float them again. They aim to soften up the mass public, specialized publics, and the policy community itself. The process takes years of effort.

As to coupling, entrepreneurs once again appear when windows open. They have their pet proposals or their concerns about problems ready, and push them at the propitious moments. In the pursuit of their own goals, they perform the function for the system of coupling solutions to problems, problems to political forces, and political forces to proposals. The joining of the separate streams described earlier depends heavily on the appearance of the right entrepreneur at the right time. In our case study of Health Maintenance Organizations in Chapter 1, Paul Ellwood appeared on the scene to link his pet proposal (HMOs) to the problem of medical care costs and to the political receptivity created by the Nixon administration casting about for health initiatives. The problems and political streams had opened a window, and Ellwood cleverly took advantage of that opportunity to push his HMO proposal, joining all three streams in the process.

The appearance of entrepreneurs when windows are open, as well as their more enduring activities of trying to push their problems and proposals into

prominence, are central to our story. They bring several key resources into the fray: their claims to a hearing, their political connections and negotiating skills, and their sheer persistence. An item's chances for moving up on an agenda are enhanced considerably by the presence of a skillful entrepreneur, and dampened considerably if no entrepreneur takes on the cause, pushes it, and makes the critical couplings when policy windows open.

CONCLUSION

The ideas we have explored in the pages of this book have a few important properties which it is appropriate to highlight as we draw to a close. These properties fall into two general categories: the differences between our model of these processes and other notions, and the places of randomness and pattern.

Other Notions

The ideas developed in this book are quite unlike many other theories that could have captured our attention. For example, events do not proceed neatly in stages, steps, or phases. Instead, independent streams that flow through the system all at once, each with a life of its own and equal with one another, become coupled when a window opens. Thus participants do not first identify problems and then seek solutions for them; indeed, advocacy of solutions often precedes the highlighting of problems to which they become attached. Agendas are not first set and then alternatives generated; instead, alternatives must be advocated for a long period before a short-run opportunity presents itself on an agenda. Events do not necessarily proceed in similar order in several different case studies; instead, many things happen separately in each case, and become coupled at critical points.

Other notions have elements of truth, and do describe parts of the processes, but they are incomplete. A pressure model, for instance, does describe parts of the political stream, but ideas are as important as pressure in other parts of the processes. Agenda items do not necessarily start in a larger systemic or public arena and transfer to a formal or governmental agenda; indeed, the flow is just as often in the reverse direction. As we argued in Chapter 4, a concentration on origins does not take us very far because ideas come from many locations, nobody has a monopoly on leadership or prescience, and tracing origins involves an infinite regress. We were drawn to the importance of combinations rather than single origins, and to a climate of receptivity that allows ideas to take off. Also in Chapter 4, we portrayed comprehensive-rational and incremental models as incomplete. Participants sometimes do approach their decisions quite comprehensively and decide quite rationally, but the larger process is less tidy. Incrementalism does describe the slow process of generating alternatives, and often does describe

small legislative and bureaucratic changes stretching over many years, but does not describe agenda change well. Thus, in addition to arguing for one way of looking at the policy formation world, we have argued what the world does *not* look like.

On Randomness and Pattern

We still encounter considerable doses of messiness, accident, fortuitous coupling, and dumb luck. Subjects sometimes rise on agendas without our understanding completely why. We are sometimes surprised by the couplings that take place. The fortuitous appearance or absence of key participants affect outcomes. There remains some degree of unpredictability.

Yet it would be a grave mistake to conclude that the processes explored in this book are essentially random. Some degree of pattern is evident in three fundamental sources: processes within each stream, processes that structure couplings, and general constraints on the system.

First, processes operating within each stream limit randomness. Within the problems stream, not every problem has an equal chance of surfacing. Those conditions that are not highlighted by indicators, focusing events, or feedback are less likely to be brought to the attention of governmental officials than conditions that do have those advantages. Furthermore, not all conditions are defined as problems. Conditions that do not conflict with important values or that are placed in an inappropriate category are less likely to be translated into problems than conditions that are evaluated or categorized appropriately. In the policy stream, not every proposal surfaces. Selection criteria make patterns out of initial noise. Proposals that meet such standards as technical feasibility, value acceptability, public acquiescence, politicians' receptivity, and budgetary stringency are more likely to survive than those that fail to meet such standards. In the political stream, not every environment or event is equally likely. Some groups lack the resources that others have, some swings of national mood (e.g., to socialism) are unlikely, and some types of turnover of elected officials are more likely than others.

Second, some couplings are more likely than others. Everything cannot interact with everything else. For one thing, the timing of an item's arrival in its stream affects its ability to be joined to items in other streams. A window may open, for instance, but a solution may not be available at that time in the policy stream, so the window closes without a coupling of solution to problem or politics. Or a proposal may be ready in the policy stream, but the political conditions are not right for it to be pushed, again limiting the coupling possibilities. In addition to timing, germaneness limits the coupling possibilities. Not all solutions have an equal possibility of being discussed with all problems. Instead, participants have some sense of what would constitute an appropriate solution to a problem. There is some room for different solutions being hooked to a given problem or different problems being hooked to a

given solution, but participants also set some limits on the appropriate couplings. Finally, the appearance of a skillful entrepreneur enhances the probability of a coupling. Potential couplings without entrepreneurs are less likely because they fail for lack of someone willing to invest resources in them.

Third, there are various constraints on the system, limits that provide a basic structure within which the participants play the games we have described.¹ The political stream provides many of these constraints. Participants sense some boundaries that are set on their actions by the mood of the mass public, and narrower boundaries set by the preferences of specialized publics and elected politicians. As I have argued elsewhere, governmental officials and elected politicians. As I have argued elsewhere, governmental officials sense these limits and believe they must operate within them.² The budget imposes constraints as well. Costly proposals are not likely to be addressed in times of economic contraction or budget stringency, but might be more likely to receive attention in more robust times. Various rules of procedure, including the constitution, statutes, prescribed jurisdictions, precedents, customary decision-making modes, and other legal requirements, all impose structures on the participants. Finally, the scarcity of open windows constrains participants. They compete for limited space on agendas, and queue up for their turn. Even the selection criteria used by specialists in the policy stream anticipate these constraints.

These various types of pattern—dynamics internal to each stream, limits on coupling possibilities, and more general constraints—help us understand why some items never rise on policy agendas. Chapter 1 set forth several such items in health and transportation in the late 1970s. Some of them, such as long-term care and mental health, remained low, not because participants would not recognize real problems there but because they had little sense for alternatives that might be available as solutions. Some agenda items, such as buses, did not have powerful constituencies behind them in the political stream and failed to receive attention for lack of such advocates. Items such as rail nationalization failed because of powerful opposition. Others were not prominent on health and transportation agendas because systems of specialization and jurisdiction limited their movement. Items like direct delivery of medical care and food and drug regulation were indeed high on certain specialized agendas, but not on the larger health agenda. Finally, some items like environmental impact and transportation safety had been prominent earlier, but were played out by the time of these interviews, according to dynamics we explored when examining why problems fade. Thus this study helps to understand not only the appearance of some items on agendas, but also the failure of other items to appear.

1. For a good discussion of constraints, see Roger W. Cobb and Charles D. Elder, "Communications and Public Policy," in Dan Nimmo and Keith Sanders, eds., *Handbook of Political Communications* (Beverly Hills: Sage, 1981), pp. 402–408.

2. John W. Kingdon, *Congressmen's Voting Decisions*, 2nd ed. (New York: Harper and Row, 1981), Chapter 12.