





Developing a Nation Through Gameplay



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Introduction

This game is a model of the choices and consequences government ministers face when trying to further their nation's development.

This game is an amplification and simplification of reality. The rules of the game and the mechanics of the game help model a complex system, and although they are based on facts, they should not be taken as fact. Please accept and do not challenge the rules as they define this system.





December 2005

It's been 5 years since the 2000 launch of the U.N. Millennium Development Goals (MDGs), and your nation's head of state realizes that your country is behind on the planning and progress towards these goals.

She tasks you along with 3 other national ministers to put together and implement a plan to achieve all 8 MDGs by the target year 2015.

Your team of 4 has a lot of work to do over the next 10 years. Good luck!



Getting Started

Place the board where all members of the nation can see.

Place the 3 tiles of each MDG in the space below the orange box with the matching MDG icon.

There are 10 rounds (10 years). In each round each player has an opportunity to make one investment from their available budget.

 Magnitude

Board Setup





Minister Cards

Each person plays a minister of a nation. A minister's orange card shows for which two MDGs he or she is responsible.

If your nation completes an MDG by investing in all 3 levels of it, the minister responsible for that MDG earns more money per round.

Millennium Development Goals





Game Goal

To get the most points by earning all the Millennium Development Goals and by further investing in those MDGs.

Points are calculated at the end of the game with the following values:

MDG @ Level 3	=	15 points
MDG @ Level 2	=	10 points
MDG @ Level 1	=	6 points
Unachieved MDG	=	- 6 points

Magnitude



Nation Profile Card

Some nations are better protected against certain disasters and not against others.

This card states to which natural hazards your nation is most susceptible.



Disaster Risk Management Cards

Disaster Risk Management Cards protect your nation from natural hazards.

The more MDGs you have, the more expensive DRM is.

There is a chart on the board that shows the cost.



Show political will

Place policy responsibility for DRM and climate change adaptation in a ministry with political authority over national development planning and investment.

BUILD RISK GOVERNANCE



Round Structure

Each round a new slide will appear telling players what year it is and what the global initiatives are for the upcoming two years.

Starting in year 2007, players' annual budgets are determined by using Budget Calculator.

When each nation has completed their investments for the year, the moderator will reveal what major event happened in that year.

BUDGET CALCULATOR

Base annual budget	▶	2
Every 6 MDGs achieved by nation	▶	+ 1
Each Minister MDG priority achieved at ③	▶	+ 1
Global initiative bonus	▶	
<hr/>		
TOTAL BUDGET RECEIVED	▶	

At the start of each year, add up and collect your annual budget from the Bank

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

This Year:



Next Year:



In Two Years:



Turns Left:



Collect starting budget of 6 money.

Actions

Buy Millennium Development Goal (6, 4 or 5 money)

Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money

 Magnitude



Moderate level of **flooding** caused by the stripping of mangroves along the coastline to construct new housing

Nation loses MDGs unless covered by DRM





Moderate level of **flooding** caused by the stripping of mangroves along the coastline to construct new housing

Nation loses MDGs unless covered by DRM

Count the number of MDGs your nation has achieved on the board, and find the corresponding loss below.

MDGs Achieved	Loss
1-3	1
4-6	2
7-9	3
10-12	4

MDGs Achieved	Loss
13-15	5
16-18	6
19-21	7
22-24	8

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

Ensure Environmental Sustainability



Environmental Sustainability costs \$ less this year.

Next Year:

Foreign Demand for Cash Crop



\$ to all ministers
Eradicate Poverty and Hunger costs \$ \$ extra this year

In Two Years:

World Women's Conference



\$ to all ministers for each level of promote Gender Equality & Empower Women achieved.

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money

 Magnitude



Level 5 **drought** caused by climate change.

Nation loses MDGs unless covered by DRM.





Level 5 **drought** caused by deforestation.

Nation loses MDGs unless covered by DRM

Count the number of MDGs your nation has achieved on the board, and find the corresponding loss below.

MDGs Achieved	Loss
1-2	1
3-4	2
5-6	3
7-8	4
9-10	5
11-12	6

MDGs Achieved	Loss
13-14	7
15-16	8
17-18	9
19-20	10
21-22	11
23-24	12

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

Foreign Demand for Cash Crop



\$ to all ministers
 Eradicate Poverty and Hunger
 costs \$ \$ extra this year

Next Year:

World Women's Conference



\$ to all ministers for each level
 of promote Gender Equality &
 Empower Women achieved.

In Two Years:

Seed Donations



Eradicate Poverty and Hunger
 costs \$ less this year

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

Buy Millennium Development Goal (6, 4 or 5 money)
Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Magnitude



7.8 **earthquake** strikes causing extensive damage.

Nation loses MDGs unless covered by DRM





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Nation loses MDGs unless covered by DRM

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21-22	11
23-24	12

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

World Women's Conference



\$ to all ministers for each level of promote Gender Equality & Empower Women achieved.

Next Year:

Seed Donations



Eradicate Poverty and Hunger costs \$ less this year

In Two Years:

Scientific Breakthrough



\$ to all ministers for each level of Universal Primary Education achieved

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Heavy rains led to high level of **flooding** exacerbated by a clogged drainage system.

Nation loses MDGs unless covered by DRM





Heavy rains led to high level of **flooding** exacerbated by a clogged drainage system.

Nation loses MDGs unless covered by DRM

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5-6	3
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9-10	5
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MDGs Achieved	Loss
13-14	7
15-16	8
17-18	9
19-20	10
21-22	11
23-24	12

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

Seed Donations



Eradicate Poverty and Hunger costs \$ less this year

Next Year:

Scientific Breakthrough



\$ to all ministers for each level of Universal Primary Education achieved

In Two Years:

National - Local Cooperation



Ministers may share money this year if the nation is invested in the Foster Partnership DRM

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Magnitude



A **hurricane** with 100-mph winds and a 5-foot surges hits and knocks out your nation's technology network.

Nation loses MDGs unless covered by DRM





A **hurricane** with 100-mph winds and a 5-foot surges hits and knocks out your nation's technology network.

Nation loses MDGs unless covered by DRM

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If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

Scientific Breakthrough



\$ to all ministers for each level of Universal Primary Education achieved

Next Year:

National - Local Cooperation



Ministers may share money this year if the nation is invested in the Foster Partnership DRM

In Two Years:

Midwifery Training



Improve Maternal Health costs \$ less this year

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Magnitude



A **tsunami** strikes destroying your nation's infrastructure.

Nation loses MDGs unless covered by DRM.





A **tsunami** strikes destroying your nation's infrastructure.

Nation loses MDGs unless covered by DRM

Count the number of MDGs your nation has achieved on the board, and find the corresponding loss below.

MDGs Achieved	Loss
1-2	1
3-4	2
5	3
6-7	4
8	5
9-10	6
11	7
12-13	8

MDGs Achieved	Loss
14	9
15-16	10
17	11
18-19	12
20	13
21-22	14
23	15
24	16

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

This Year:

National - Local Cooperation



Ministers may share money this year if the nation is invested in the Foster Partnership DRM

Next Year:

Midwifery Training



Improve Maternal Health costs \$ less this year

In Two Years:

Funding for Immunizations



\$ to all ministers for each level of Reduce Child Mortality achieved

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

Buy Millennium Development Goal (6, 4 or 5 money)

Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Level 5 **drought** caused by climate change.

Nation loses MDGs unless covered by DRM

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If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.

 Magnitude



Level 5 **drought** caused by climate change.

Nation loses MDGs unless covered by DRM.



This Year:

Midwifery Training



Improve Maternal Health costs \$ less this year

Next Year:

Funding for Immunizations



\$ to all ministers for each level of Reduce Child Mortality achieved

In Two Years:

Social Insurance Network



\$ to all ministers if the nation is invested in the Offer Social Protection DRM

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Magnitude



A 6.3 magnitude **earthquake** strikes destroying poorly constructed buildings in your nation.

Nation loses MDGs unless covered by DRM.





A 6.3 magnitude **earthquake** strikes destroying poorly constructed buildings in your nation.

Nation loses MDGs unless covered by DRM

Count the number of MDGs your nation has achieved on the board, and find the corresponding loss below.

MDGs Achieved	Loss
1-3	1
4-6	2
7-9	3
10-12	4

MDGs Achieved	Loss
13-15	5
16-18	6
19-21	7
22-24	8

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.



This Year:

Funding for Immunizations



\$ to all ministers for each level of Reduce Child Mortality achieved

Next Year:

Social Insurance Network



\$ to all ministers if the nation is invested in the Offer Social Protection DRM

In Two Years:

END OF GAME

Count Score:
3 tiles = 15 pts.
2 tiles = 10 pts.
1 tile = 6 pts.
0 tiles = -6 pts.

Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

- Buy Millennium Development Goal (6, 4 or 5 money)
- Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



Magnitude



A **hurricane** with 120-mph winds and a 7-foot surges hits knocking out your nation's technology network.

Nation loses MDGs unless covered by DRM.





A **hurricane** with 120-mph winds and a 7-foot surge hits knocking out your nation's technology network.

Nation loses MDGs unless covered by DRM

Count the number of MDGs your nation has achieved on the board, and find the corresponding loss below.

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MDGs Achieved	Loss
13-14	7
15-16	8
17-18	9
19-20	10
21-22	11
23-24	12

If the loss is greater than the number of DRM you've invested in, lose the difference by removing MDGs from the top-most level of MDGs achieved.



This Year:

Social Insurance Network

DRM

\$ to all ministers if the nation is invested in the Offer Social Protection DRM

Next Year:

END OF GAME

Count Score:
3 tiles = 15 pts.
2 tiles = 10 pts.
1 tile = 6 pts.
0 tiles = -6 pts.

In Two Years:



Turns Left:

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

Collect annual budget.
Use orange Budget Calculator.

Actions

Buy Millennium Development Goal (6, 4 or 5 money)

Buy Disaster Risk Management (4, 6 or 8 money)

If you take no actions this turn, take 1 money



How advanced is your nation?



Count up your points, and see how your nation stacks up against the rest.

MDG @ Level 3 = 15 points
MDG @ Level 2 = 10 points
MDG @ Level 1 = 6 points
Unachieved MDG = - 6 points

A completed board adds up to a total of 120 points.

