

# Low Carbon 1.5 Degree Lifestyles

## Options Cards for New Delhi



**Food**



**Mobility**



**Housing**



**Goods**



**Leisure**

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# FOOD



## Eating Plant Rich Diet (VEGETARIAN)

48

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

36

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

24

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

12

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**SWITCHING TO A 100 % PLANT RICH VEGETARIAN DIET,  
ASSUMING 70 % INCREASE IN CONSUMPTION OF  
CEREALS WILL ENSURE REDUCTION OF 48  
kgCO<sub>2</sub>e/cap/yr**

# FOOD



## Eating Plant Rich Diet (VEGAN)

212

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

159

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

106

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

53

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

SWITCHING TO A 100 % PLANT RICH VEGAN DIET,  
ASSUMING 70 % INCREASE IN CONSUMPTION OF  
CEREALS WILL ENSURE REDUCTION OF 212  
kgCO<sub>2</sub>e/cap/yr

# FOOD



## Eating Organic Food

297

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

223

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

148

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

74

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

SWITCHING TO ORGANIC FOOD, ASSUMING REDUCTION  
IN INTENSITY OF ALL GRAINS, VEGETABLES AND FRUITS  
BY 66% WILL ENSURE REDUCTION OF 297  
kgCO<sub>2</sub>e/cap/yr

# FOOD



## Reduction of Food Loss in Supply Chain

**267**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**200**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**133**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**67**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**REDUCTION OF FOOD LOSS IN THE SUPPLY CHAIN ASSUMING FOOD WASTE IS REDUCED BY 30% (EXCEPT ORGANIC WASTE) WILL ENSURE REDUCTION OF 267 kgCO<sub>2</sub>e/cap/yr**

# MOBILITY



## Moving Closer to Work & Services

69

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

52

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

35

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

17

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

MOVING CLOSER TO WORK AND SUBSEQUENTLY  
REDUCING USAGE OF CAR, MOTORCYCLE, BUS AND  
TRAIN BY 7% WILL ENSURE REDUCTION OF 69  
kgCO<sub>2</sub>e/cap/yr

# MOBILITY



## Using Public Transport Even for Intercity Travel

17

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

13

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

9

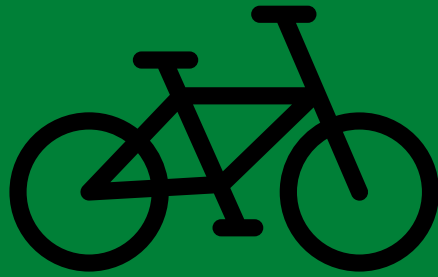
50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

4

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

MOVING CLOSER TO WORK AND SUBSEQUENTLY REDUCING USAGE OF CAR, MOTORCYCLE, BUS AND TRAIN BY 7% WILL ENSURE REDUCTION OF 17 kgCO<sub>2</sub>e/cap/yr

# MOBILITY



## Using Bicycles

280

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

210

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

140

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

70

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

USING BICYCLE FOR TRANSPORT ASSUMING REDUCTION IN THE USE OF CAR, MOTORBIKE & BUS BY 14%, 35% & 45% RESPECTIVELY, WILL ENSURE REDUCTION OF 280 kgCO<sub>2</sub>e/cap/yr



# MOBILITY



## Using CNG Vehicles

546

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

409

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

273

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

136

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

USING CNG VEHICLES INSTEAD OF VEHICLES THAT USE FOSSIL FUELS SUCH AS DIESEL AND PETROL, WILL ENSURE REDUCTION OF 546 kgCO<sub>2</sub>e/cap/yr

# MOBILITY



## Ride-sharing and car sharing

82

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

62

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

41

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

21

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

RIDE SHARING AND CAR SHARING, ASSUMING REDUCTION IN USAGE OF CAR AND CONVENTIONAL MOTORBIKE BY 29%, WILL ENSURE REDUCTION OF 82 kgCO<sub>2</sub>e/cap/yr

# MOBILITY



## Teleworking/Working Remotely

297

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

223

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

149

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

74

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

WORKING OR ATTENDING MEETINGS  
REMOTELY/TELEWORKING, ASSUMING USAGE OF CAR,  
MOTORBIKE, TRAIN, BUS IS REDUCED BY 30%, WILL  
ENSURE REDUCTION OF 297 kgCO<sub>2</sub>e/cap/yr

# MOBILITY



## Improved Public Transport

66

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

50

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

33

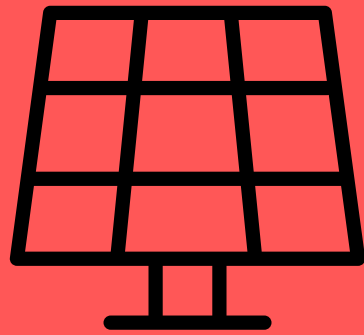
50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

17

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

AN IMPROVED PUBLIC TRANSPORT INFRASTRUCTURE,  
ASSUMING REDUCTION IN USGAE OF CAR AND  
MOTORBIKE BY 13% AND 53% RESPECTIVELY, & INCREASE  
IN USAGE OF BUSES BY 10%, WILL ENSURE REDUCTION OF  
66 kgCO<sub>2</sub>e/cap/yr

# HOUSING



## Installing Rooftop Solar

**358**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**268**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**179**

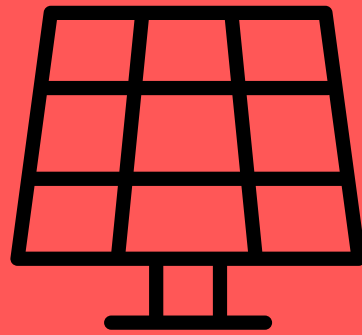
**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**89**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**INSTALLING SOLAR ROOFTOP, ASSUMING INTENSITY OF NON RENEWABLE ELECTRICITY IS REDUCED TO THAT OF RENEWABLE ELECTRICITY, WILL ENSURE REDUCTION OF 358 kgCO<sub>2</sub>e/cap/yr**

# HOUSING



## Installing Solar Water Heater

47

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

35

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

23

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

12

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**INSTALLING SOLAR WATER HEATER, ASSUMING USE OF  
NON RENEWABLE ELECTRICITY IS REDUCED BY 12%, WILL  
ENSURE REDUCTION OF 47 kgCO<sub>2</sub>e/cap/yr**

# HOUSING



## Using biofuel

4

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

3

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

2

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

1

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

USAGE OF BIOFUEL, ASSUMING USE OF NON RENEWABLE  
ELECTRICITY IS REDUCED BY 1.02%, WILL ENSURE  
REDUCTION OF 4 kgCO<sub>2</sub>e/cap/yr

# HOUSING



## Switching off appliances when not in use

39

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

29

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

20

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

10

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**SWITCHING OFF ALL APPLIANCES WHEN NOT IN USE,  
ASSUMING USE OF NON RENEWABLE ELECTRICITY IS  
REDUCED BY 10%, WILL ENSURE REDUCTION OF 39  
kgCO<sub>2</sub>e/cap/yr**



# HOUSING



## Energy Efficient Home Electricity/ Appliances

78

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

59

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

39

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

20

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**SWITCHING TO USAGE OF ENERGY EFFICIENT ELECTRICAL APPLIANCES SUCH AS LED LIGHTS, ASSUMING USE OF NON RENEWABLE ELECTRICITY IS REDUCED BY 20%, WILL ENSURE REDUCTION OF 78 kgCO<sub>2</sub>e/cap/yr**

# HOUSING



## Use of Motion Sensing Lights

117

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

88

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

59

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

29

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

USAGE OF MOTION SENSOR LIGHTS, ASSUMING USE OF NON RENEWABLE ELECTRICITY IS REDUCED BY 30%, WILL ENSURE REDUCTION OF 117 kgCO<sub>2</sub>e/cap/yr

# HOUSING



## Install Water Saving Fixtures in Washrooms and Kitchen

5

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

4

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

3

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

1

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**INSTALLATION OF WATER SAVING FIXTURES IN WASHROOMS AND KITCHENS, ASSUMING WATER CONSUMPTION IS REDUCED BY 30%, WILL ENSURE REDUCTION OF 5 kgCO<sub>2</sub>e/cap/yr**

**GOODS**



## **Buy Second Hand Clothes**

**10**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**8**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**5**

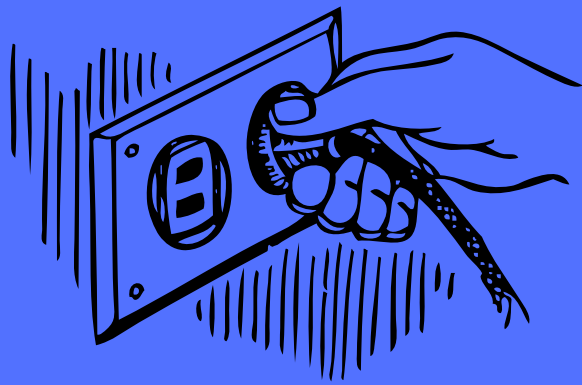
**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**2**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**BUYING SECOND HAND CLOTHES, ASSUMING  
CONSUMPTION OF NEW CLOTHES IS REDUCED BY 61%,  
WILL ENSURE REDUCTION OF 10 kgCO<sub>2</sub>e/cap/yr**

**GOODS**



## **Reduce Electronics Consumption**

**0.63**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.47**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.32**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.16**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**REDUCING ELECTRONIC CONSUMPTION, ASSUMING INTENSITY OF ELECTRONIC APPLIANCES IS REDUCED BY 20%, WILL ENSURE REDUCTION OF 0.63 kgCO<sub>2</sub>e/cap/yr**

**GOODS**



## **Recycle Household Waste**

**4**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**3**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**2**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**1**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**RECYCLING HOUSEHOLD WASTE (PAPER, PLASTIC, RUBBER, GLASS, METAL, TEXTILE), ASSUMING 3% REDUCTION IN ALL GOODS, WILL ENSURE REDUCTION OF 4 kgCO<sub>2</sub>e/cap/yr**

## GOODS



## Reduce and Re-Use Waste

34

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

26

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

17

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

9

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**REDUCING AND REUSING WASTE, ASSUMING 23%  
REDUCTION IN ALL GOODS, WILL ENSURE REDUCTION OF  
34 kgCO<sub>2</sub>e/cap/yr**



**FOR RENT**

**GOODS**

**Use Rented Items**

**1**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.8**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.5**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.3**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**USING RENTED ITEMS AND GOODS, ASSUMING 24%  
REDUCTION IN THE USE OF APPLIANCES, ELECTRONICS,  
FURNITURES AND OTHER GOODS, WILL ENSURE  
REDUCTION OF 1 kgCO<sub>2</sub>e/cap/yr**



**GOODS**



## **Buy Second Hand Goods**

**34**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**26**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**17**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**9**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**BUYING SECOND HAND GOODS, ASSUMING 23%  
REDUCTION IN THE USE OF ALL GOODS, WILL ENSURE  
REDUCTION OF 34 kgCO<sub>2</sub>e/cap/yr**

**GOODS**



## **Repair Broken/ Damaged/ Torn Goods & Items**

**34**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**26**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**17**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**9**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**REPAIRING OF BROKEN/DAMAGED/TORN GOODS &  
ITEMS, ASSUMING 23% REDUCTION IN THE USE OF ALL  
GOODS, WILL ENSURE REDUCTION OF 34 kgCO<sub>2</sub>e/cap/yr**

**GOODS**



**USE LIBRARIES**

**20**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**15**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**10**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**5**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**USAGE OF LIBRARIES, ASSUMING 5% REDUCTION IN THE  
USE OF ELECTRICITY & EDUCATION, WILL ENSURE  
REDUCTION OF 20 kgCO<sub>2</sub>e/cap/yr**

## GOODS



# Reduce Plastic Consumption

**0.9**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.6**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.4**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**0.2**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**REDUCTION IN USE OF PLASTIC, ASSUMING AMOUNT OF APPLIANCES, FURNITURE AND ELECTRONICS IS REDUCED BY 25% IN GOODS, WILL ENSURE REDUCTION OF 0.9 kgCO<sub>2</sub>e/cap/yr**



## LEISURE

# Use E-Books Instead of Hard Copies

40

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

30

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

20

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

10

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**USAGE OF E-BOOKS INSTEAD OF PHYSICAL HARD COPIES, ASSUMING USE OF WATER IS REDUCED BY 10%, USE OF ELECTRICITY BY 5 %, & USE OF EDUCATION BY 30%, WILL ENSURE REDUCTION OF 40 kgCO<sub>2</sub>e/cap/yr**

# LEISURE



## Exercise Without Machinery

14

FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

11

75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

7

50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

4

25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)

**EXERCISING WITHOUT MACHINERY, ASSUMING USE OF CAR, MOTORBIKE, APPLIANCE & FURNITURE IS REDUCED BY 5%, WILL ENSURE REDUCTION OF 14 kgCO<sub>2</sub>e/cap/yr**



## LEISURE

# Reduce Extravaganza in Weddings

**1,826**

**FULL IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**1370**

**75 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**913**

**50 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**457**

**25 % IMPLEMENTATION (kgCO<sub>2</sub>e/cap/yr)**

**REDUCING EXTRAVAGANZA AT WEDDINGS, ASSUMING ALL TYPES OF MOBILITY, FOOD & GOODS CAN BE REDUCED BY 5%, WILL ENSURE REDUCTION OF 1,826 kgCO<sub>2</sub>e/cap/yr**