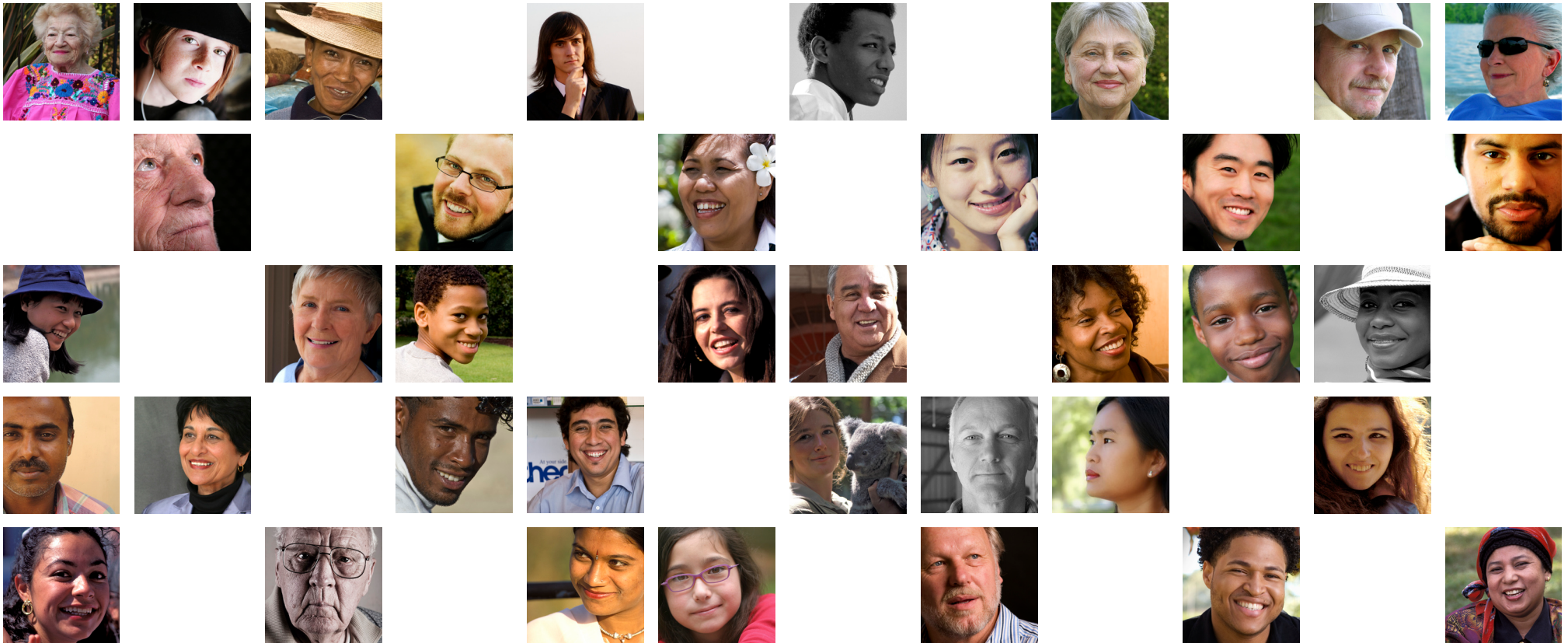


The Family of You

A Look at Life in 2050



Introduction

For more information about the Family of You simulation, contact

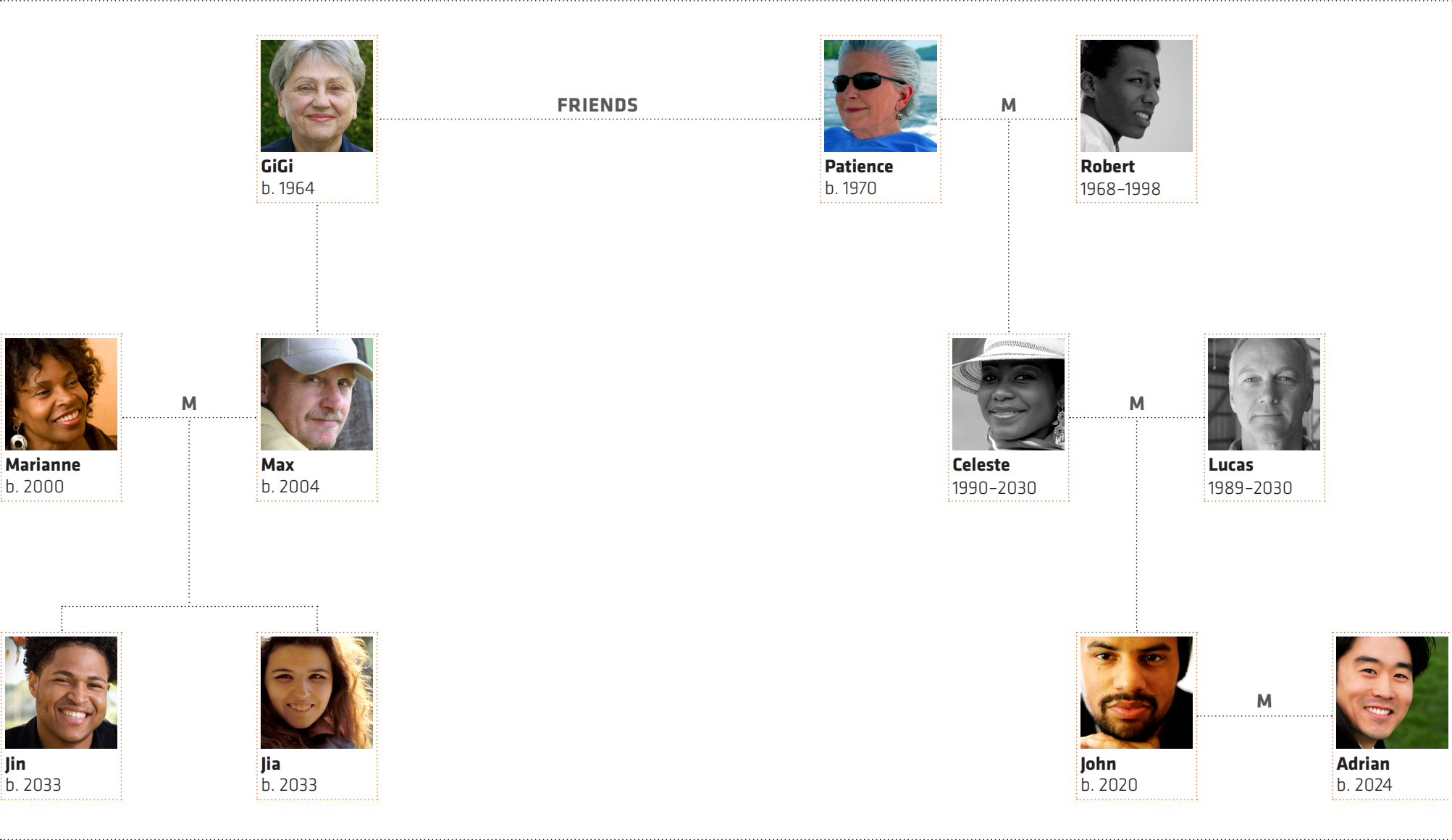
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This booklet is your guide to a family living in Europe in the year 2050. This family is a set of constructed personas –fictitious characters or archetypes that allow us to explore the ways in which possible futures will intersect with the needs, desires, and actions of individuals.

The family members have been chosen to represent diversity of age, gender, origin, socio-economic status, and sexual orientation. The family itself consists of three family units in which all but two members are living together in a purpose built co-housing facility.

Family Tree



Introduction

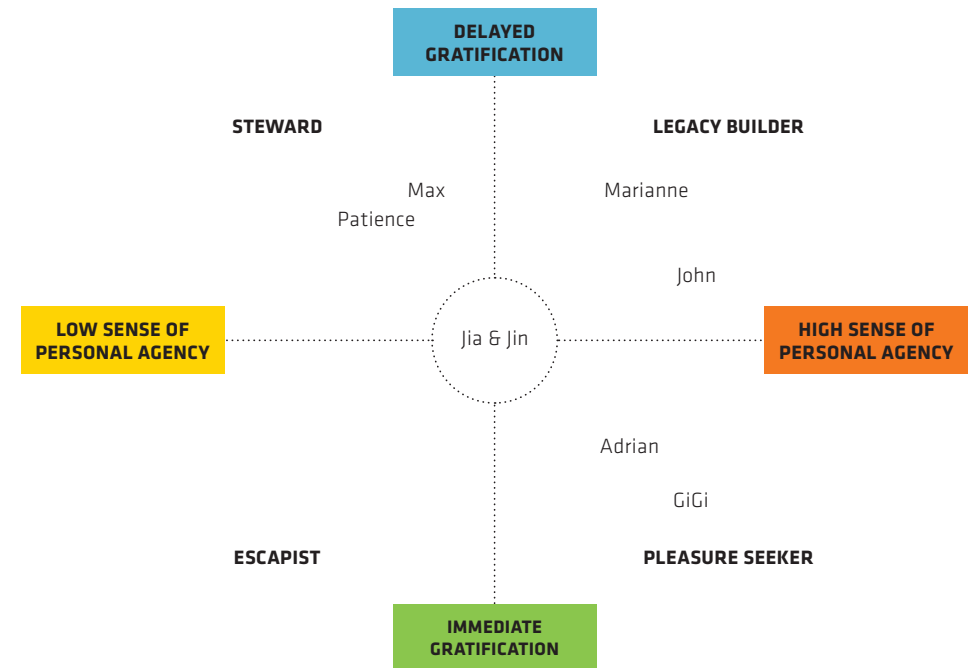
The members of this family have different attitudes towards sustainable consumption, framed by two dimensions:

- The person's desire for immediate gratification, or commitment to delay gratification based on environmental, or economic concerns;
- The individual's sense of personal agency based on a belief that the actions he or she can take on a local level have enough of an impact to maintain sustainable lifestyles.

These framing dimensions underpin the ways in which family members interact with products and services. To illustrate this we have given each person an eco-score based on:

- Living—including housing, energy and water use;
- Moving—including personal travel and transportation of goods; and
- Consuming—including food, clothing, and entertainment.

Sustainable Consumption Motivators



Introduction

Golden Decade for Infant Health

In the early part of the century there was an assumption that babies born after 2000 could expect to live to 125, due to improvements in maternal and neo-natal health. Throughout the recession years however, some of these gains were lost, until the flu pandemic of 2030 brought the importance of public health back onto the political agenda.

Each member of the family also has a Health and Well-being Index in 2050. The integration of these indices is a reflection of the Global Declaration of Human Happiness in 2025, which sought to ratify agreement across nations about a range of positive, non-monetary values. The well-being measures include subjective satisfaction; social connectedness; community vitality; and time use. The health part of the index is based on age—and there is a bonus reduction for people born in the Golden Decade of 2000–2010. Babies born after 2030 are again thought to have the possibility of a higher life expectancy, but not beyond 100. The health index is also comprised of a score for the location in which someone lives, any chronic conditions they have, genetic markers they carry for serious or chronic conditions, and their lifestyle choices.

As we will see, individual factors for different family members may also affect the lives of others in the family. No one makes choices, or faces challenges that are his or hers alone.

Timeline

Regional Events

GLOBAL RECESSION
2008-2020

NEW WORLD ECONOMIC ORDER BEGINS
2020

GOLDEN DECADE
2000-2010

FLU PANDEMIC
2030

Family Events



Gigi
b. 1964



Patience
b. 1970



Marianne
2000-



Max
2004-



John
2020-



Adrian
2024-



Jin and Jia
2033-

Lucas
1989-2030

Celeste
1990-2030

1950

1960

1970

1980

1990

2000

2010

2020

2030

2040

2050

The Family: GiGi



Age 86

Year of Birth 1964

Gender F

Hi, I'm Gigi and I'm 86 years young! I was born in the East, but moved South as a young adult for work, and the lifestyle. As the economic crisis hit I was a single mother, so I moved again to look for work. At that time people were beginning to talk about co-housing, and I found a group to share a house with—this was before anyone was building the kind of eco-optimum housing we have now. But it was fun then, company for me as a single parent, and really the only way I could afford to pay my bills.

I met Patience sometime around 2025 at an urban farming conference. We were planning on setting up a zero waste fish farming system in our housing complex, and she had set a couple up already in places she had lived. She was also looking for somewhere to live, so she helped us out and we invited her to move in with us.

When Max and Marianne got together, and started to think about a family, Patience had also just brought her orphaned grandson, John, to live with us, so we decided to look for a slightly bigger place. Marianne found this development that was just being built, from the ground up to be the most advanced eco-friendly co-housing complex ever. It was a collaboration between an Indonesian architectural firm, and European engineers, and it's pretty impressive.

I feel that my home environment is so good that I can indulge myself a bit elsewhere.

I probably buy too much stuff, and Max and Marianne think I spoil Jia and Jin, but really I was never born to be a saint. Good enough is good enough. When I'm annoyed with Marianne I call her the 'eco-nun'. It's fine if she wants to be eco-perfect, but she can't force those values on the rest of us. Jia, particularly, is just a young girl. She needs to be exploring the world, and her identity—shopping isn't the only way to do that for sure, but it does help. I'm lucky really that Marianne is a kind person, and into 'learning from the elders'—I get away with a lot more than I should ...

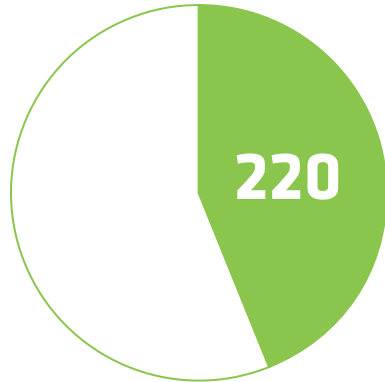
Patience and I used to go out a lot. We liked trying new restaurants and seeing old films. But Patience is not feeling so good these days so we stay in a bit more. We have lots of friends here, 60% of the population of Europe is over 70 now, so a lot of entertainment is geared to our interests. We host old school dance parties, and talks on health and fitness. Max complains that he's living a life designed for someone twice his age.

The Family: GiGi

Score Overview

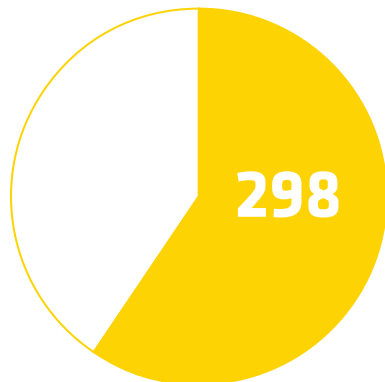
Eco Score

Maximum Possible: 500
Low = Good



Heath + Well-being Score

Maximum Possible: 500
Low = Good



Eco Score (Scores out of 100)

LIVING	Housing Purpose built (e)co-housing is the current best environmental option	10
	Energy The family has a lot of electronic entertainment devices, Gigi and her friends spend a lot of time watching old shows and films, and Gigi is a heavy user of the magalog. As she gets older she finds the passive heating isn't sufficient in the winter, and so she is responsible for turning on the extra heating, raising everyone's energy score	80
	Water The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water 60% of their water use is used for food production.	40
MOVING	All family members use the ANTAR* system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but when the transportation of goods they (particularly Gigi) order is factored in, the score goes up ...	30
CONSUMING	Gigi finds it hard to get out of the habits of the immediate gratification, pleasure-seeking style that she grew up with in the late 20th century. She buys a lot and encourages and advises her granddaughter Jia on her vintage purchases.	60
Total		220

* Antarpaya is a hindi verb meaning 'to march'; India has become the leader in distributing large-scale public transport systems

The Family: GiGi

Health + Well-being Score (Scores out of 100)

HEALTH	Age 86 years old	86	WELL-BEING	Overall Subjective Satisfaction GiGi feels generally positive, and likes having her friends and family around her. She feels a little bit of depression about getting older, but realizes it is much better for her than it was for her parents generation.	80
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction GiGi worked to put food on the table and to be able to enjoy herself. She always took whatever work was available and didn't really think ahead. Her satisfactions in life came more from her social life than her work.	50
	Chronic Conditions GiGi has benefitted from good nutrition, and healthcare throughout her life, as well as information on healthy living.	0		Social Connectedness GiGi sees her local friends all the time, and is always arranging social events. Even though she and Patience don't go out as much as they used to, she hosts a lot of parties at home. She has also been an avid user of social technologies for as long as she can remember, and keeps in touch with a network of friends across the world.	90
	Genetic Markers GiGi has markers for heart disease, but through her healthy lifestyle she has avoided any development of disease	30		Time Use Good balance of work and leisure	80
	Lifestyle GiGi has a sweet tooth, but is careful about she eats and exercises regularly	30		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
Total		206	Total		390
Overall Total $(206/500 + 390/500) \div 2$					298

The Family: Max



Age 46

Year of Birth 2004

Gender M

Hi I'm Max. I'm 46 years old and I guess my story begins in the Great Recession. I was born right at the beginning of it and in those times everyone had to make adjustments, tighten their spending and be grateful. My mother, Gigi, grew up in different times—times of spending, wasting, and she wanted some of those material things for me but I was happy really. I didn't need much and liked to create my own things to play with.

We saved everything, not because we wanted to but because it was essential to keep our little family going. I think the economic crisis was good for the world. It taught us what matters, our family, the earth, and the things in front of us. I was part of the global student movement that campaigned for new values. Materialism was so narrow and contributed to so much of the misery I saw growing up, but out of that came the seeds of a much better way of living, where relationships, health, environmental stewardship—social currencies really—all count for at least as much, and hopefully more than the credits you have in the bank. When the Global Declaration of Human Happiness was signed in 2025 by all the viable states—and even some of the so-called failed states—I felt I had achieved my life's work. I was 21! I laugh now at myself then, but I'll remain forever proud that I was a part of something so positive and truly revolutionary.

Growing up in a co-housing environment turned out to be actually really great! The other kids and I plagued the older residents with our games, but we were kids! What else was there to do? I stopped when the co-ho manager threatened to revoke our membership after we released scorpions in his office ... But we knew how to have fun ...

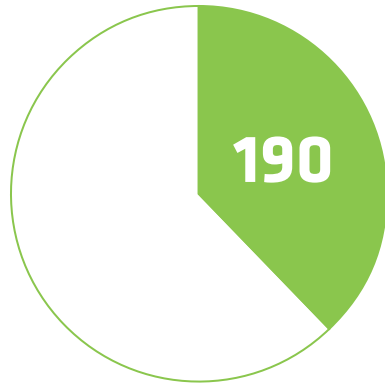
Life seems a bit more serious now—I have responsibilities and everything is so expensive still, despite alternative value systems. We now know the price of everything. We're living in this co-housing place with my mother, and her friend Patience, my partner Marianne, and our two kids Jia and Jin. Marianne likes living here because she's very eco-focused. I like it because it's cheap. But still living with my mother at 46! I love her, and would like to be near to make sure she is ok, but living with her means I have to subsidize her wasteful habits. I used to think she might change—but she's 86 now, I realize it's not going to happen. But still, life is good. I read a lot of history on the magalogs and I think we're doing pretty well these days.

The Family: Max

Score Overview

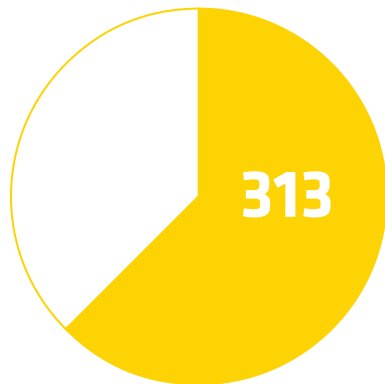
Eco Score

Maximum Possible: 500
Low = Good



Health + Well-being Score

Maximum Possible: 500
Low = Good



Eco Score (Scores out of 100)

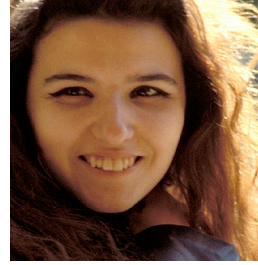
LIVING	Housing Purpose built (e)co-housing is the current best environmental option	10
	Energy The family has a lot of electronic entertainment devices. Max uses technology in his woodworking, but is careful with money. He gets angry with his mother for buying too much, and raising the family's scores in Energy and Mobility, and hence their offset taxes	80
	Water The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water 60% of their water use is used for food production.	40
MOVING	All family members use the ANTAR system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but when the transportation of goods they (particularly Gigi) order is factored in, the score goes up ...	30
CONSUMING	Max is cheap, simple, and values the work of his hands. He learned to save as a 21st century Recession baby. Without a father figure, Max strongly desired to make up for that void by learning wood-carving from a studio in his youth. In many cases, it's more economical to make furniture or instruments himself to ensure their quality, but ultimately, he makes them because he gets a lot of pleasure from craftsmanship. He buys tools and technology to streamline steps he can afford to speed through.	30
Total		190

The Family: Max

Health + Well-being Score (Scores out of 100)

HEALTH	Age 46 minus 10 for 'Golden Generation' bonus	36	WELL-BEING	Overall Subjective Satisfaction Max feels fairly content with his life right now, but he is beginning to wonder whether he will ever achieve his youthful dream of having a small piece of land to call his own	60
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction Max enjoys working as an artisan. He earns little money, but earns a lot in bartered goods and services. It is unpredictable, but he has become good at re-bartering.	80
	Chronic Conditions Max has had diabetes since childhood. This is influenced by a combination of genetics from his father, and a consequent higher sensitivity to the cheaper processed carbohydrate-based foods that Gigi was forced to buy during Max's formative years. Max manages his condition through a combination of drugs and nutrition	50		Social Connectedness Sometimes Max thinks he is a little too connected. He occasionally dreams of living alone out in the countryside	80
	Genetic Markers Max has markers for diabetes	30		Time Use Max has always maintained a good balance of work and leisure. He feels it is easier in the barter economy because none of the currencies are instant.	80
	Lifestyle Max likes beer, and is part of a brewing collective. He sometimes feels stifled living with so many women, especially now that John has moved out, and the brewing collective is his outlet. His drinking combined with his genetic markers give him a higher lifestyle score.	60		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
	Total	236		Total	390
Overall Total $(236/500 + 390/500) \div 2$				313	

The Family: Jia



Age 17

Year of Birth 2033

Gender F

Hi my name is Jia and I'm 17 years old! Oh yeah, and I have a twin brother, Jin. I love my brother, Jin, but I don't see him as often as I'd like; he's always playing Integrated Strategy Games (ISGs) but when we cross paths, either in-game or out-of-game he's really fun to have around. We live in a co-housing development with my grandmother GiGi, my 2nd grandmother Patience, and my parents. That makes eight of us all together, even though it used to be a total of nine with Patience's grandson, John.

My life is just beginning, so I'm not sure what to say but I'm looking forward to going to school and creating art. I would say my favorite things to do are collect old things that no one uses anymore and say something about them with my art. I want a gasoline vehicle so badly but they're incredibly difficult to find around here and with the ANTAR system taking over the whole city, I'm not sure there would be anywhere to drive it. Some kids at my school uncovered a battered 1999 Porsche somewhere and the whole school has been talking about it.

I love vintage stuff. I could listen to Patience and Gigi for hours talking about the old days. Patience says I'm an old soul. Marianne says I should make use of my interest and get a whole load of history credits. I could probably get a lot of free, or reduced cost credits because I know so much already. But art is really my first love, and as everybody says, you should do what you love.

Recently, I've been trying to work on my portfolio for Uni. The only way you can get into university courses you'll appreciate is by spending as much time as possible making your portfolio compelling, accurate, and all that. So this past year, with the help of my mother, I've been building an accurate representation of myself so I don't get filed in a program that isn't right for me. Accounting or something! Ugh, imagine. It's been a lot of fun, since I was

allowed to transition from part-time school to quarter-time. I've been out learning about the edgy artwork a few of my classmates are doing in the abandoned Paper Mills. For the art courses at uni they want to see physical work as well as the usual digital portfolio. It's really interesting to create physical objects, and to draw with pencils and charcoal. I keep hinting to Gigi and Marianne that a petrol car would be a killer piece for my portfolio, but so far they're not biting. Gigi would do it, but I bet Marianne has warned her off. It's true if we had a petrol car, even as a kind of art piece our eco-scores would skyrocket (ha ha).

When I'm not doing that, I spend most of my time at the ANTAR Hub station a few miles a way. They have the best fresh international food, Patience agrees with me, and I get my bike fixed at a shop I really like in there. My Assistant® also let's me know when recycled pencils and charcoal are in stock so I can mention it offhand to Grandma Gigi. The hologram advertising is kind of fun. My friends and I like to pretend they're real people and overload them by standing around the censor too long. The other thing we like to do is go swimming in a lake about an hour away. It raises my mobility score a little, but even Marianne doesn't mind because it is good exercise for me, and natural. She was so pleased when artificial swimming pools, and non-native lawns were banned! The only person who's less than enthusiastic about the swimming is Patience. After her experience with radiation exposure she's always concerned about open water and what poisons might be in it.

I can't wait until I can make art all the time. Everything is so efficient these days. So predictable! I wonder what would happen if there was a little more disorder...ooh ... idea for my next installation.

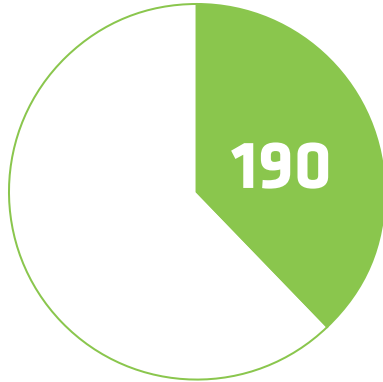
The Family: Jia

Score Overview

Eco Score

Maximum Possible: 500

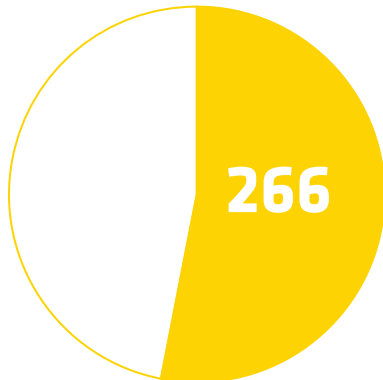
Low = Good



Health + Well-being Score

Maximum Possible: 500

Low = Good



Eco Score (Scores out of 100)

LIVING

Housing

Purpose built (e)co-housing is the current best environmental option

10

Energy

The family has a lot of entertainment devices. Jia mainly uses her 3-D phone with which she can create art with her friends across town and her integrated information (Assistant®) device to do her homework.

60

Water

The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water 60% of their water use is used for food production.

40

MOVING

All family members use the ANтар system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but with the transportation of goods they (particularly Gigi) order is factored in, the score goes up. ... Mobile education systems allow Jin and Jia to do flex school time, and 'attend' classes online. This means that they can fill their 'offline' time with activities that require commuting. Jia loves to swim, and with artificial swimming pools banned, she commutes one hour to the lake nearby offsetting her otherwise low mobility score.

30

CONSUMING

Jia is fascinated by everything new and old. Now that the Web 9.0 has allowed optimum personalization, Assistant® anticipates her searches and informs her of options in the clothing trends she's interested in. Jia spends the rest of her time locating vintage items for art projects or to decorate her room. Due to her grandmother's encouragement Jia's score remains midrange.

50

Total

190

The Family: Jia

Health + Well-being Score (Scores out of 100)

HEALTH	Age 17 years old	17	WELL-BEING	Overall Subjective Satisfaction Jia feels happy and optimistic	90
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction Jia gets a work satisfaction score for the work she puts into her education. She scores well on interest, but because she has cut down her time in general education to focus on art, but isn't in an official program yet her score has dropped a little	60
	Chronic Conditions Jia has great health, no indication of Type II diabetes yet, though they might manifest later as she ages	5		Social Connectedness Jia spends quite a lot of time with friends, but also time with her family and particularly Gigi and Patience	80
	Genetic Markers Jia has genetic markers for Type II diabetes and exceptional intelligence passed to her from her mother	30		Time Use Good balance of work and leisure	80
	Lifestyle Active lifestyle, access to varied diet, affordable healthcare plan that has been tailored to her genetic history	20		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
Total		132	Total		400
Overall Total	$(132/500 + 400/500) \div 2$				266

The Family: Jin



Age 17

Year of Birth 2033

Gender M

Hi my name is Jin. I'm 17 years old, and have a twin sister, Jia. We live in a co-housing compound with my grandmother, her “grande amie”, and my parents.

Life is pretty great right now! They've got some awesome technology coming out these days, and I'm a tech person. For instance, POWII has synchronized 3-D phone technology to simulate real-time play out on the streets!

I can barely keep up with the developments. I'm a strategy type person, I love figuring out how things work and how to solve problems. I want to be a transport engineer. When John was at school gaming was only just beginning to become a standard in education. Corps, or Corporations, weren't doing much of this type of thing. Then they started to apply it, and now everything is blended. For example, we find and utilize material goods in a game, and we can apply it to our studies. For their geology senior capstone projects, some of my game mates have fused the things we use in the game into a simulated excavation that our class can play around the city. But we can also use this for our work credits as well. I got a promotion at the corp where I work part-time for my capstone project last year.

I'd love to bring this into my passions for transport. What if you could just be somewhere and didn't need something to carry you there? What needs to be in place to make something instant? And where can you find the things you need to make it?

My mother gripes at me about being on Web nine-o so much but it's hard not to be. Everyone's on it and sometimes it's hard to understand why adults make such a distinction between what's 'real' and what's not. My life happens in many places simultaneously, I really enjoy it!

School's cool but I feel like I learn the most through gaming, that's more for Jia than it is for me. We're different the two of us, but even though, she's a pretty good sister. We complement each other well. I'm not home very much, which can be irritating for my parents, but they'll understand one day. I'm set on creating something that's going to change the paradigm of transportation like Web 2.0 did back in the early part of the 21st Century.

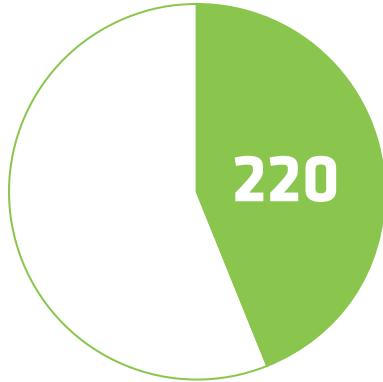
My future plans are to work full-time soon to pay for the latest game experiences and then independently study transport. I'm then planning to start a small business with my friends at school and in the game world to see what we can make with everything we're learning.

The Family: Jin

Score Overview

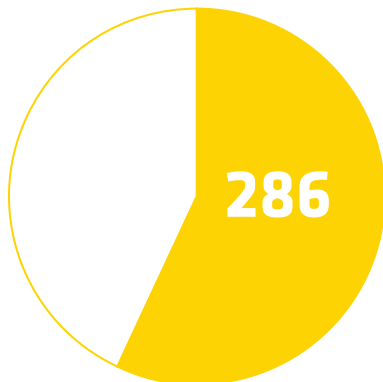
Eco Score

Maximum Possible: 500
Low = Good



Health + Well-being Score

Maximum Possible: 500
Low = Good



Eco Score (Scores out of 100)

LIVING

Housing

Purpose built (e)co-housing is the current best environmental option

10

Energy

The family has a lot of entertainment devices. Jin uses the gaming console that's embedded into his clothing to play strategy games around the city.

60

Water

The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water, 60% of their water use is used for food production.

40

MOVING

All family members use the ANTAR system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but when the transportation of goods they (particularly Gigi) order is factored in, the score goes up ...

30

CONSUMING

Buying the gaming chips for the clothing is expensive but Jin rationalizes his investment as better than the outrageous price of systems transplanted onto your eyelashes. To keep his dad quiet about how much he spends to keep up with augmented reality games, he works a full-time job to buy his own games and chooses to do his schooling quarter-time via Assistant® Student Network.

80

Total

220

The Family: Jin

Health + Well-being Score (Scores out of 100)

HEALTH	Age 17 years old	17	WELL-BEING	Overall Subjective Satisfaction Jin feels very happy with life	90
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction Jin enjoys his work and feels excited about his future	90
	Chronic Conditions Jin has great health, no indication of Type II diabetes yet, but if they manifest as he ages, he will have to manage his health regularly	5		Social Connectedness Jin spends a lot of time with his friends in the offline and online worlds	80
	Genetic Markers Jin has genetic markers for Type II diabetes and exceptional intelligence passed to him through his mother	30		Time Use Jin's generation blends work, education and leisure so completely that the old measures of work/life balance aren't relevant. The default is to use the measure of overall satisfaction	90
	Lifestyle Active lifestyle through augmented gaming and physical assembly work, access to varied diet, affordable healthcare plan that has been tailored to his genetic history	20		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
Total		132	Total		440
Overall Total	(132/500 + 440/500)÷2				286

The Family: Marianne



Age 50

Year of Birth 2000

Gender F

Hi my name is Marianne, and I have reached the half-century mark! I like to think 50 is the new 25, and since my generation was the first only identified as being able to live to 125 I'm determined to stay fit and healthy for as long as I can.

In the global student movement of '15, '16, and '17, that's where it all started for me, that desire for sustainable participation. With incredibly high tuition, unemployment, and environmental destruction, my generation rose up and demanded a better future! It was a secondary wave of global democracy! It was amazing!

Sorry, I mean, you had to be there. I am no eco-nun, Gigi! If my mother-in-law knew what changing video rentals from 4 per month to 1 per month could do for her air-quality, she'd thank me! Ha! Eco-nun! I prefer eco-advocate, or even eco-activist!

Max didn't seem to mind my activism. We met while I was a petition canvasser for our university campus; he liked my pragmatic ideals. He wasn't as passionate as me about things like peak oil, but over time, when some oil companies switched their brand to affordable hydrogen fuel and others phased out altogether because they couldn't adapt, he agreed with some of my opinions. To follow my passions, I joined a sustainability analyst team in my late twenties. Since then, our society has progressed leaps and bounds... mass-treatment of drinking water using natural methods...scaling ANTAR...even our housing!

This house is built with insulating, water repellent, and durable bricks made of compressed plastic. When I was a child, everyone was worried about it collecting into trash islands off the coast. Now I've got a house that's sturdy and efficient from a resource everyone thought was going to be trouble. Who knew?

Now that Patience needs more help at home, I'm thinking about cutting down my consulting to part-time. But there's so much still to do. Perhaps I should work more and barter some care-taking hours ... It's so hard to figure out—people first then the planet, right? But if we don't take care of the planet there won't be any people ... I'll figure it out.

In the meantime, there is summer to look forward to—because the US and China weren't able to cut-down emissions for Protocol Deadlines, the Mediterranean can be unbearable in the summer but the North has perfect summers now. I plan trips all the time for my family. Because Jin and Jia are so integrated in Web 9.0, it's hard to get them to spend time with the family, but everyone looks forward to our summer trips together.

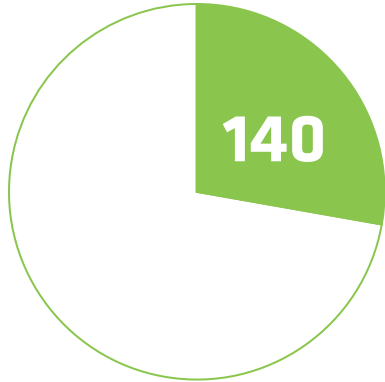
The Family: Marianne

Score Overview

Eco Score

Maximum Possible: 500

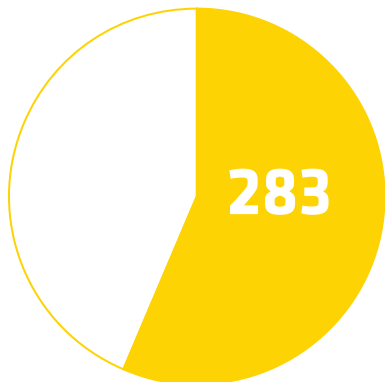
Low = Good



Health + Well-being Score

Maximum Possible: 500

Low = Good



Eco Score (Scores out of 100)

LIVING

Housing

Purpose built (e)co-housing is the current best environmental option

10

Energy

The family has a lot of electronic entertainment devices, but Marianne is not a heavy user of any of them.

30

Water

The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water, 60% of their water use is used for food production.

40

MOVING

All family members use the ANтар system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but when the transportation of goods they (particularly Gigi) order is factored in, the score goes up ...

30

CONSUMING

Marianne is a staunch advocate of less is more. She uses her money sparingly; towards trips, experiences, and classes instead of material items. As for physical objects, she buys or barter supplements, skin care products, or things that last: a great new running shoe, customized perfectly to keep her stance in alignment or gauge which stretches would best complement the work out she's already doing (okay, she admits it. She has a weakness for health gadgets...)

30

Total

140

The Family: Marianne

Health + Well-being Score (Scores out of 100)

HEALTH	Age 50 minus 10 for 'Golden Generation' bonus	40	WELL-BEING	Overall Subjective Satisfaction Marianne feels happy with her life and what she has achieved	90
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction Marianne loves her work. She enjoys what she does every day, and also feels a connection to a bigger global movement. As a pragmatist she is happy that she can see the real results of her work all around her.	90
	Chronic Conditions Born in the North, with a heavy diet of meat and starches, she struggled with heart palpitations until she switched to diet based on her genetic profile. The stress on her heart at such an early age slows her down slightly.	5		Social Connectedness Marianne makes an effort to connect with everyone around her. She is a major figure in the local community.	90
	Genetic Markers Marianne has genetic markers for high cholesterol.	30		Time Use Marianne tends to work a lot. For her, her work, her activism, and her social life are all one. Current measures can't really distinguish this, so she gets a lower score for long work hours	50
	Lifestyle Marianne maintains an active lifestyle and keeps up-to-date with information about health research and practices	20		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
Total		155	Total		410
Overall Total $(155/500 + 410/500) \div 2$					283

The Family: Patience



Age 80

Year of Birth 1970

Gender F

Hello, my name is Patience and I'm 80 years old. I have lived a very long, and full life, and seen the world change so much. I was born in the Southeast and I married in my youth—that's what everyone did back then. You started a family as soon as you were considered old enough then attended to your family's needs. Now it is much less that way, an interesting independence, co-dependence but we are all just figuring it out, I believe. I lost my husband soon after to a lung cancer and I raised John's mother myself. Quickly, I found it difficult to support us both, so I left John with an aunt and went to find work in the North.

I was there when Chernobyl happened. You have heard of this? I was passing through Kyiv to visit a cousin on my way North, and the accident happened. It took us a while to hear what was going on in those days, we didn't have technology like we do now; but the river had already been contaminated. It wasn't until years later, that I started to realize something was very wrong with my health.

My health is one thing but losing John's parents was the hardest for me. I owe everything to Gigi being there with me during those times. She brought much life to me! I love her and give thanks for her often. My family is hers and her family is mine, we are all one! It reminds me very much of my childhood, the way we live here now.

We grow a lot of our own food at the co-ho, it's almost like the small-holdings I grew up with. But we don't have to rely completely on our own crops, so we're not as vulnerable to climate. We can also go to the large Food Villas. First there were the supermarkets with everything you needed! And then, humanity got smarter about where food comes from and decided to create these buildings that look like large vertical farms! They are watered by the play center where the children play! If only my parents could see such a thing!

It is really amazing. I've also seen the internet through all of it's developments! Web 9.0 is overwhelming for me though, I let Gigi show me her digital magalogs and ask Marianne or Max to do things on it for me if I ever need anything. I still like to go out and learn new things about the city. I worked in Tourism and Heritage Management for over 25 years, so I like to keep my mind sharp by learning who built what and why. Gigi also keeps me on my toes. You have to watch that one.

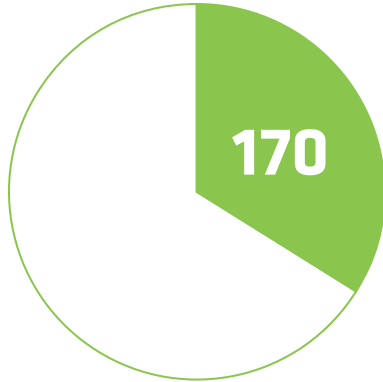
John has moved out but I'm so happy he's with Adrian! They make a wonderful couple. Jia and Jin are my grandchildren, so I'm not pressing John and Adrian to have children just yet. I miss John but I understand why he wanted to move out. But living in a big place, just the two of them, is expensive, that's my criticism. However, it is important to go out and make a name for yourself so I think after he does so, he will come back.

The Family: Patience

Score Overview

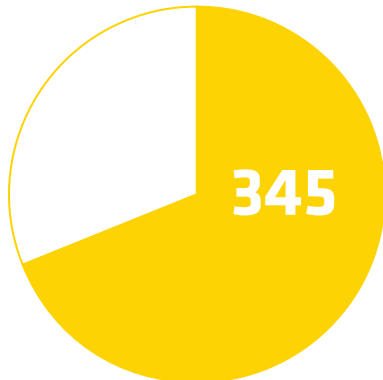
Eco Score

Maximum Possible: 500
Low = Good



Health + Well-being Score

Maximum Possible: 500
Low = Good



Eco Score (Scores out of 100)

LIVING	Housing Purpose built (e)co-housing is the current best environmental option	10
	Energy The family has a lot of entertainment devices, but as an eco-midwife and nurse practitioner, Patience uses her 3-D phone to call her family around the world. She only watches Gigi flip through her monthly magalogs	30
	Water The steam shower and enzyme based cleansers make personal hygiene fairly efficient. The household also produces a lot of its own food, and although they recycle water, 60% of their water use is used for food production.	30
MOVING	All family members use the ANTAR system. All members of the household have the same score. They would score 1/10 based on their use of the transit system, but when the transportation of goods they (particularly Gigi) order is factored in, the score goes up ...	30
CONSUMING	Patience is a collector. She grew up in poverty, and now cannot resist buying some of the beautiful ceramics she wanted as a young woman.	70
Total		170

The Family: Patience

Health + Well-being Score (Scores out of 100)

HEALTH	Age 80 years old	80	WELL-BEING	Overall Subjective Satisfaction Patience has had struggles in her life, but feels grateful for the life she has had, for John, and for the friends around her	80
	Location The housing complex was built on reclaimed land in an area that used to be heavily industrialized. The effects of remaining heavy metals and waste products are contentious, but insurance companies, being conservative, give the location a relatively high score	60		Work Satisfaction Patience has recently stopped work, but always enjoyed it, and her satisfaction scores from her last job will stay with her	80
	Chronic Conditions Patience has been living with radiation effects for 65 years	70		Social Connectedness Patience doesn't get out very much anymore, but has a strong social circle and keeps in touch with everyone	80
	Genetic Markers No significant genetic markers	0		Time Use In her earlier life Patience worked long hours, and had little time for enjoyment. Moving into the co-ho allowed her to reduce her living costs, and focus on other interests	70
	Lifestyle Her time in the East during the Chernobyl nuclear disaster, and continuous exposure to poor air quality has left her susceptible to many diseases and an increasingly crippled state of health	80		Community Vitality The co-ho is in a dense, vibrant neighborhood, where people know each other, and engage in cooperative work to take care of each other—from childcare to food exchanges and preventative healthcare. There is a robust barter system which supports this community exchange.	90
Total		290	Total		400
Overall Total $(290/500 + 400/500) \div 2$					345

The Family: John



Age 30

Year of Birth 2020

Gender M

Hi my name is John, and I am 30 years old. I feel as though I have reached a turning point in my life. I've moved out of the co-housing property and moved into a single residence with my husband Adrian on the outskirts of town. My house used to be an old computer shop but despite the remodeling hassle, I love the independence out there. You couldn't pay me to move back to the city-center with all those people.

Before, I was living with Gigi and my grandmother Patience. Patience took care of me after the epidemic of '30 killed my parents, and I wanted to be close to her as she aged. Living there was fine but it got harder to take care of her as the radiation effects progressed. She also didn't want to be the reason I put my life on hold. She pointed out she had plenty of people to look after her in the co-ho, and I should get on with my life. Getting the new job as a drinking water-filtration specialist gave me just the break I needed.

I suppose my little family was in the first tide of what they call climate refugees. We didn't see ourselves that way my parents saw themselves as making a better life where the crops didn't scorch every year, but it's true the situation in the Southeast was serious. My grandmother used to tell me stories about how the earth almost seemed to be rebelling against the both farmers and cosmopolitans.

As soon as the four of us arrived, there were so many of people coming from all over, that a super-strain illness broke out citywide. The high density put everyone at risk. It took my parents and left me with asthma. Europe had made fantastic integration strides in the 20s but with the influx of refugees and the sickness, tensions in society ran high.

Patience was able to enroll me in a public school, on a transient permit, and that's where I started my path to hydrology. It pays well. After a few practicums, I'm an inspector for large-scale, water filtration facilities. I travel regionally and internationally on the Maglev bullet train and make sure everything is up to standard at our sites. It can be stressful because there's a lot of bureaucracy and small print to make sure that the rainwater treatment is in compliance and glass-bottled distribution is efficient but I enjoy the travel. The dead-zones in China from the all the old synthetic fertilizers have been the most interesting places I've seen so far. I work 3-week cycles, so whenever my off-week comes around, I take Adrian out and we forget the cares of work and maintaining the house!

I fell in love with Adrian because he's the life and soul of the party, and believes in having a good time. He evens out my neurotic tendencies. We love good food and go eat out at the ANTAR Hub stations. We also love the interactive movies there they are expensive but completely worth it. I am much better at choosing the correct storyline to lead the main character through than Adrian is. When we are not out, Adrian is buying the new latest system to play at home! He complains that he's lonely when I am traveling for work, but he seems to have about 10 gamers from around the world holographically visiting at any one time.

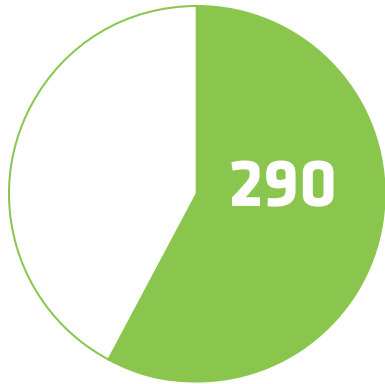
Sometimes I get into arguments about how much he spends, but I like the interactives too. I just wish we could install infrared heating technology first. There are some things that I don't like about my life, but you know, life is hard, have fun, right? I have to work, it allows me to make a living, but I also like the life I've created right now.

The Family: John

Score Overview

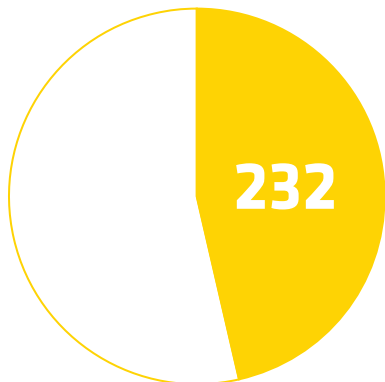
Eco Score

Maximum Possible: 500
Low = Good



Health + Well-being Score

Maximum Possible: 500
Low = Good



Eco Score (Scores out of 100)

LIVING

Housing

Lives in a home with his partner, Adrian on the outskirts of town. Friends and family advised him against the move since the costs are high—their home takes 60% of the couple's joint income. But John values the space and freedom of having his own place.

80

Energy

Home is an old computer shop John refurbished with the some friends. It needs a lot of work and still runs on electricity. John is in the process to install efficient heating, cooling, and water systems to keep costs down but the building was never meant to house anyone, and there are a lot of adjustments.

70

Water

The steam shower and enzyme based cleansers make personal hygiene fairly efficient. However, the building has rusty and leaky pipes which also need replacing. John hopes to offset their use by designing a rain-catchment and gray water system that pipes into the house and infuses the water with nutrients.

40

MOVING

Because tele-working is inadequate for a job that requires physical observation and relationship-building, John relies heavily on the Maglev train system that spans Europe. He uses the ANтар system for local travel.

30

CONSUMING

John spends majority of his income on his home, but when he spends money on himself he spends it on entertainment... he's always loved a good movie. Now they're an interactive experience so it's expensive, but worth it. He winds down from the stress of his job with his friends at the local pub.

70

Total

290

The Family: John

Health + Well-being Score (Scores out of 100)

HEALTH	Age 30 years old	30	WELL-BEING	Overall Subjective Satisfaction Struggles in his early life have left John cynical about life	60
	Location The old computer office was built on what used to be the suburbs of town and was previously farmland. It is regarded as a relatively healthy location.	20		Work Satisfaction Although he feels he works too much John enjoys his work, and believes it adds value to society	80
	Chronic Conditions As a child John was a victim of the 2030 Flu Pandemic caused by increases in population density mostly from climate refugees. Due to this super strain of new diseases John has asthma and a vulnerability to moderate to severe sinus infections, dependent on the air quality of particular locations.	43		Social Connectedness John is naturally somewhat reclusive, but living in the co-ho, and then with Adrian have ensured he always has a strong support network	60
	Genetic Markers John has genetic markers for alcoholism	45		Time Use John works long hours	40
	Lifestyle The stress of the house and work is incredibly taxing. John tends to make healthy choices when he's working, but eats and drinks a lot on his weeks off.	55		Community Vitality Lower score here based on move to the edge of the city, where community is sparser and less organized	30
Total		193	Total		270
Overall Total $(193/500 + 270/500) \div 2$					232

The Family: Adrian



Age 26

Year of Birth 2024

Gender M

Hi, I'm Adrian and I'm 26 years old. I miss living in the South but I love John. After we met on one of his trips. We had a few hologram dates—I got a good deal because of my work—and then I decided to move up here for him, which is a first for me! It must be love. Two months ago, after a year together, we got married. I'm pretty happy, although I think the culture back home is friendlier, maybe we'll live back there for a while in a few years.

I come from a place where children live with their parents at least until they are in their forties, so I wasn't worried about living in the co-ho. I love being around people! I was actually more concerned about what his grandmother would think since attitudes amongst some of the older generation about same-sex marriage are disapproving, but Patience loved us together! Patience! Love her. It was beautiful to see her cry tears of joy at our wedding.

But, what was I saying...oh, yes! So the living situation... I was expecting to live with his family but John wanted a place of his own. He has a higher paying job and told me that now we could have the fun life we dreamed of. Fixing up the house is a nightmare, but I let John handle all that. I tele-work from home as freelance hologram marketer, so I plan our holidays

and go out to the pubs with our friends when he's out of town. I miss living near a community, but I understand why John wants a little peace. On the upside, now with John's income, I can have just about anything I want! It's hard not to go a bit crazy when you grew up with very little.

"Stop spending so much money" John says. "We need to get the windows insulated."

Yeah, I know shelter is a basic human necessity, but you mean to tell me FIFA World Cup 2050 tickets are not a necessity?! We only live once. John likes everything we do and that I buy, don't let him fool you. He is also on me about my health but I can't understand why perfectly skinny people would want to run themselves until they can't breathe and intentionally make every muscle in their body ache. That's not my kind of exercise. Sure, I exercise: I just created a new incentive to do sit-ups. I put chocolate pieces between my toes.

Anyway, John loves me and I'd do anything for him. He takes care of all the important stuff and I'm in charge of the fun. What would he do if I didn't bring happiness into everything?

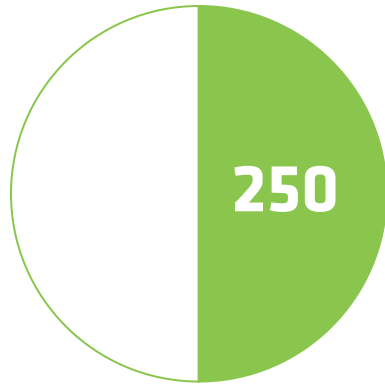
The Family: Adrian

Score Overview

Eco Score

Maximum Possible: 500

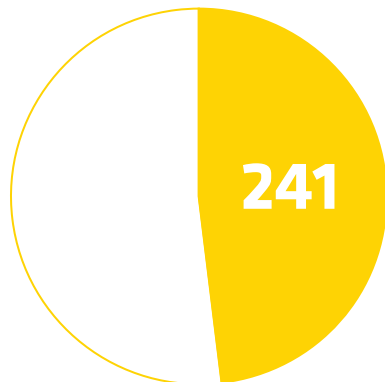
Low = Good



Health + Well-being Score

Maximum Possible: 500

Low = Good



Eco Score (Scores out of 100)

LIVING

Housing

Lives in a home with his partner, John on the outskirts of town. Adrian would like to live closer to the city, but knows this place is important to John

80

Energy

The home is an old computer shop John refurbished with the help of some of his friends. It needs a lot of work and still runs on electricity. Adrian also loves entertainment and is constantly buying new programs. He doesn't know how anyone got along without Web 9.0.

70

Water

The steam shower and enzyme based cleansers make personal hygiene fairly efficient. However, the building has rusty and leaky pipes which...also need replacing. John hopes to offset their use by designing a rain-catchment and gray water system that pipes into the house and infuses the water with nutrients.

40

MOVING

Adrian tele-works from home and uses the ANTAR system to visit town, run errands, and attend friends' parties when John is away. Transportation of goods for Adrian's consumer lifestyle increases the score.

30

CONSUMING

Adrian's consumption index looks fairly low because John earns more money so most purchases are made by him.

30

Total

250

The Family: Adrian

Health + Well-being Score (Scores out of 100)

HEALTH	Age 26 years old	26	WELL-BEING	Overall Subjective Satisfaction Adrian tends to be optimistic, and feels generally contented with his life at the moment	90
	Location The old computer office was built on what used to be the suburbs of town and was previously farmland. It is regarded as a relatively healthy location.	20		Work Satisfaction Adrian works to earn money to have fun. He doesn't find much pleasure in his work	50
	Chronic Conditions Born during the lost years of public health Adrian has pre-conditions for heart disease, based upon multiple tooth infections putting strain on his heart as a child	15		Social Connectedness Even though he lives in a fairly isolated area Adrian is good at connecting with friends regularly, and has a strong social network	80
	Genetic Markers Adrian has genetic markers for pancreatic and prostate cancer	40		Time Use Good balance of work and leisure	80
	Lifestyle Adrian is young and feels good. He tends not to worry about his health, and does not make healthy choices regarding food and exercise.	50		Community Vitality Lower score here based on move to the edge of the city, where community is sparser and less organized	30
Total		151	Total		330
Overall Total $(151/500 + 330/500) \div 2$					241