

Smog is a problem in Santiago for many years.

This **manifest** focusses on solutions for how to give clean air to our children.

We are

- 1) aware of the smog.

and **actions** needed are:

- 2) Limit air pollution level.
- 3) Create 'electric cars only' areas.
- 4) Landscaping the countryside.

P.S. We might also consider:

- 5) Better birth control and reducing consumption.

Each of these 5 points will be explained below



Underlined : worldwide problem, not just Chile

Italic : *new, currently not yet done in ongoing efforts*

Ad 1) aware of the smog.

Awareness is no problem, as we all know about the smog in the city. So “no action” needed here.



We should wonder: we know this situation and understand the health issue, why did we not take this problem away?

This problem can only be helped by politics. And until today politics made different choices.

We can “real time” see the Air Quality Index on <http://aqicn.org/map/chile/>

The pollution problem is only on few places. And it affects mostly humans. We do this to ourselves. But I not like my children to live in smog.

Sure all people like to have money for a nice house, holidays and a car. And we like to give the best to our children. But to which costs? Will this mean that our children will live in a city with smog?

Yes, people can have children and raise them with love and support, but at the same time effort should be made to give them clean environment.

Basis, for this long time existing problem, is that people are acting greedy and are trying to enrich themselves.

The only way to reduce air pollution in Santiago de Chile is that at the same moment some people lose money. Only politics can force this. Today politics give higher priority to the money some people earn than to the health of my daughter.

Ad 2) Limit air pollution level

We set a limit. We could take for instance the Air Quality Index and set the limit on 100. And the moment the pollution gets to this point, than some *things are forbidden*:

- *Driving cars; including trucks, scooters, hybrid cars and motorcycles.*
- *Wood burning (stoves).*
- *Airplanes activities.*
- *Building activities.*
- *Work at some designated manufacturing companies.*

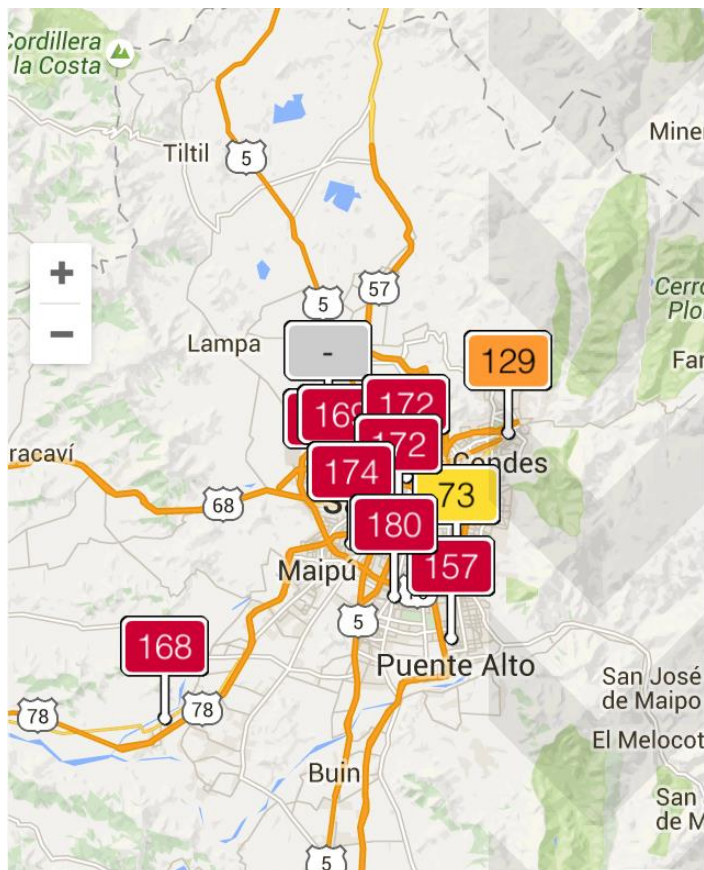
This counts for all the area between the mountains where Santiago is situated. The area should of course be well defined, but roughly a circle 25 kilometers around the center of the city.

So if during the day the index reaches 100, than this same day after midnight no cars, planes, wood fires or building activities are allowed.

If during one of the next days, the index drops below 60, than traffic, fires and constructions will be allowed again after midnight.

Punishment for offenders should be high. At first offence the car will be taken, even with an extra penalty if the car has only low value. At second offence a strong punishment is given; like the person has to leave Santiago for 5 years or the company will be closed; to make sure that rules are obeyed, so we can have clean air.

Exceptions are of course electric taxis and electric cars, police, fire brigade, prisoner transport and ambulances. Also the metro can continue. Busses which run on diesel should not drive, as you can understand.



So values should change in our society and the government has a job to do so. The money millions of people are going to lose if they cannot drive their cars should be less important than one new born baby breathing clean air.

Ad 3) Create electric cars only areas.

Some areas in the country should be allowed only to be entered by electric cars. Only and always only by electric cars.



Ad 4) Landscaping the countryside.

- More trees should be planted all around the city area, many more. It is to an out stander surprising how few trees are present now.



- New buildings in the Santiago area should have no more than 2 floors. So one ground floor and maximum 1 upper (first) floor.

It is already unbelievable than today so many high apartment flats are under construction in Santiago. This can only be a result of that some government departments are not functioning correct.

The city is already congested and concentrating more people in the center will only create more problems.

- The international airport should be moved farther away from Santiago city center.



The 3 action 2), 3) and 4) above can only work if they are implemented without negotiations. These actions should be accepted and carried out by the Chilean authorities. Better today than tomorrow.

P.S. not directly related to Air Pollution, but of some interest is the following.

Ad 5) **Better birth control and reducing consumption**

- Now humans change the world more rapidly than ever before. And we have more people every day. The salary of a person is roughly also what are his consumptions of services and goods; goods like metal, plastic and use of electricity ('individual footprint'). So a growing salary means a bigger sacrifice of the environment. There should be a limit on individual possessions and monthly spending on commodities. What a person can earn (and spend, and own) can be no more than a certain limit; this is not to close a gap between rich and poor people, but to preserve habitat and wildness by reducing consumption per person.
- Planning of families could be more regulated by government intervention. For instance the state should provide free condoms for men (free sterilization operation if they not like to use condoms) , and free Pill and spiral for women. And access to these facilities needs to be more open.



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