



Al presidente del Consiglio Comunale di Firenze

Da decenni sono ben note le problematiche sanitarie relative al traffico automobilistico, soprattutto nelle grandi città, ma meno conosciute al grande pubblico sono quelle determinate dal trasporto aereo, che si configura come un elemento d'inquinamento ambientale e danno alla salute, subito particolarmente dai residenti in aree prossime agli scali aeroportuali.

Un aeroporto è un sistema complesso in grado di determinare un impatto significativo sull'ambiente circostante, essendo fonte di inquinamenti multipli:

1. inquinamento atmosferico provocato dalle emissioni prodotte dai motori degli aerei che sono alimentati dal cherosene, (un combustibile fossile composto da diversi tipi di idrocarburi), altamente inquinante, che produce gas nocivi (anidride carbonica, monossido di carbonio, ossidi di zolfo, idrocarburi) e polveri tossiche di diverse dimensioni e contribuisce in misura consistente anche all'effetto serra. Il quantitativo maggiore di polveri viene prodotto nelle fasi di decollo e atterraggio e quindi rilasciato nelle aree più prossime agli aeroporti.
2. inquinamento acustico generato dalle fasi di avvicinamento, atterraggio e decollo degli aerei e dal connesso traffico veicolare
3. inquinamento elettromagnetico, prodotto dai sistemi radar delle torri di controllo e degli aerei, insieme alle antenne di radiotrasmissione ed ai sistemi elettromagnetici utilizzati per i controlli di sicurezza. I lavoratori degli scali aeroportuali e il personale di bordo sono sottoposti ai campi elettromagnetici prodotti da tutte queste apparecchiature mentre i residenti in aree prossime agli aeroporti possono essere esposti anche ad effetti di sommazione di campi elettromagnetici provenienti oltre che dalle strutture aeroportuali e dagli aerei, anche da altre fonti (antenne di telefonia, cavi elettrici ad alta tensione, linee elettriche delle ferrovie, i propri telefoni cellulari, ecc).

Un gran numero di studi internazionali e nazionali (vedi l'imponente bibliografia e sitografia allegata) hanno messo in evidenza gli effetti negativi sulla salute causati da inquinamento da trasporto aereo: ipertensione arteriosa, malattie cardiovascolari, respiratorie, tumori, disturbi neuro-comportamentali, disturbi del sonno, disturbi dell'attenzione e dell'apprendimento nei bambini (in particolare livello di comprensione di un testo e memoria a lungo termine) e comunque un peggioramento della qualità della vita per

compromissione della qualità del sonno a causa delle operazioni aeroportuali svolte nelle ore notturne.

Pertanto ISDE Firenze (sezione provinciale di ISDE Italia Associazione Medici per l'Ambiente) esprime grande preoccupazione in merito al progetto di ampliamento dell'Aeroporto Vespucci di Firenze, per i riflessi negativi sulla salute di coloro che vivono nelle zone circostanti, considerando la sua peculiare ubicazione cittadina. Ricordiamo che bambini, anziani e donne in gravidanza sono particolarmente sensibili all'inquinamento ambientale.

E' da notare anche che tale ampliamento non è coerente con il nuovo Piano Nazionale e Regionale della Prevenzione 2014-2018, che si prefigge l'obbiettivo di "ridurre il carico di malattia e le esposizioni ambientali potenzialmente dannose per la salute".

E' auspicabile che il traffico aereo sia ridotto e razionalizzato in quanto estremamente inquinante, predisponendo quanto prima un piano della mobilità che abbia la tutela dell'ambiente e della salute come elementi cardine.

Firenze, 16/3/2015

Dr Massimo Generoso

Presidente ISDE Firenze

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