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le code de l'equipe rouge basique
;; préfixe : red-team
to red-team-ask-for-energy [ b n ]
 ask b [ if (energy > 6000) [ give-energy myself n ]]
end
to red-team-go-back-to-base
 if (carrying-food? > 1000) or (energy < 500) or (Breed = RocketLaunchers) and (nb-missiles = 0)
   let b min-one-of my-bases [ distance myself ]
   if (b != nobody) [
     ifelse (distance b <= 2)
       if (carrying-food? > 1000) [ give-food b carrying-food? ]
       if (energy < 500) [ red-team-ask-for-energy b 500 ]</pre>
       if ((Breed = RocketLaunchers) and (nb-missiles = 0)) [
         red-team-ask-for-energy b 500
         new-missile 5
       ]
     ]
       set heading towards b - 20 + random 40
       if count turtles in-cone 2 90 with [ (breed != Burgers) and (breed != Perceptions) ] != 1 [ rt random
90 ]
       forward-move speed
     1
   ]
 1
end
to red-team-go-and-eat
 if ((breed = RocketLaunchers and (mem5 = 0)) or (breed = Explorers)) [
   random-move
 1
end
to red-team-harvesters-go-and-eat
 let b min-one-of perceive-food [ distance self ]
 ifelse (b != nobody) [
   ifelse (distance b) \leq 2
     [ take-food b ]
     [ set heading towards b - 20 + random 40
       if count turtles in-cone 2 90 with [ (breed != Burgers) and (breed != Perceptions) ] != 1 [ rt random
90 1
       forward-move speed
     ]
   random-move ]
end
to-report red-team-no-target?
 report mem5 = 0
end
to red-team-set-target [ x y espece ]
 set mem0 x set mem1 y set mem2 espece set mem5 1
to red-team-call-rocket-launcher [ x y espece ]
 let rl min-one-of perceive-specific-robots color RocketLaunchers [ distancexy x y ]
 if (rl != nobody) [ ask rl [ red-team-set-target x y espece ]]
to red-team-call-explorer [ x y espece ]
 let ex one-of perceive-specific-robots color Explorers
 if (ex != nobody) [
   ask ex [
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```
set mem0 x
      set mem1 y
      set mem2 espece
      set mem5 1
  ]
end
to red-team-select-target
  if (red-team-no-target?)
    let h min-one-of perceive-robots ennemy [ distance myself ]
    ifelse ( h != nobody ) [
      set mem0 [xcor] of h
      set mem1 [ycor] of h
      set mem2 [breed] of h
      set mem5 1
      set mem5 0 ]
  ]
end
to red-team-shoot
  if (not red-team-no-target?)
    ifelse (distancexy mem0 mem1 < detection-range)</pre>
    [ launch-rocket towardsxy mem0 mem1 set mem5 0]
    [ set heading towardsxy mem0 mem1 - 20 + random 40
      if count turtles in-cone 2 90 with [ (breed != Burgers) and (breed != Perceptions) ] != 1 [ rt random 90
]
      forward-move speed
    1
 ]
end
to goRedExplorer
  red-team-go-back-to-base
  red-team-go-and-eat
  ifelse (not red-team-no-target?) [
    red-team-call-rocket-launcher mem0 mem1 mem2
    red-team-call-explorer mem0 mem1 mem2
   let h one-of perceive-robots ennemy
    if ( h != nobody ) [ red-team-call-rocket-launcher [xcor] of h [ycor] of h [breed] of h]
 ]
end
to goRedRocketLauncher
  red-team-go-back-to-base
  red-team-select-target
  red-team-shoot
  red-team-go-and-eat
  if ((energy > 3000) and (nb-missiles < 5)) [ new-missile 1 ]
end
to goRedHarvester
  ;; rentre à la base si certaines conditions sont vérifiées
  red-team-go-back-to-base
  ;; cherche à manger
  red-team-harvesters-go-and-eat
end
to goRedBase
  set label energy
  if (energy > 12000) [ new-RocketLauncher self ]
  let t one-of perceive-specific-robots ennemy rocketlaunchers
  if (t != nobody) [
    launch-rocket towards t
  1
```

## end

- ;; procedure pour initialiser les explorers rouges
  to initRedExplorer
  end
  :: procedure pour initialiser les rocket-launchers
- ;; procedure pour initialiser les rocket-launchers rouges
  to initRedRocketLauncher
  end
- ;; procedure pour initialiser les Harvesters rouges to initRedHarvester end
- ;; procedure pour initialiser les bases rouges to initRedBase end